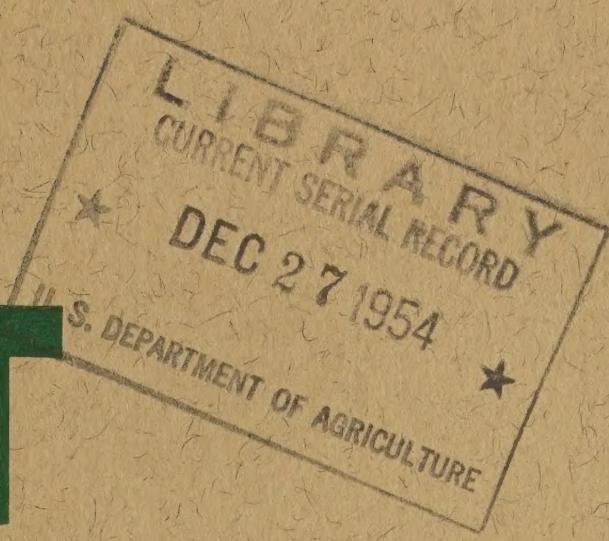


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LIST of AVAILABLE PUBLICATIONS of the UNITED STATES DEPARTMENT of AGRICULTURE



Compiled By
ELEANOR W. CLAY

LIST No. 11

1954

List of Available Publications of the United States Department of Agriculture

Compiled by ELEANOR W. CLAY

Division of Publications

Office of Information



LIST No. 11

(Revision of and supersedes Miscellaneous Publication 60)

Issued 1954

For sale by the Superintendent of Documents, U. S. Government Printing Office
Washington 25, D. C. - Price 45 cents (Paper, Bound)

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INTRODUCTION

This list gives the titles, classified by subjects, with issuance and latest revision dates and procedures for ordering the United States Department of Agriculture publications that are either available free from the Department or for sale by the Government Printing Office. It also gives procedures for ordering periodicals, motion pictures, slidefilms, and other visual aids. This material is intended principally for the use of farmers, homemakers, research workers, teachers, and others who are interested in agriculture and related subjects.

Agricultural experiment stations in each State investigate the agricultural problems of their States. Their published reports can be obtained from the stations, usually free of charge. Addresses of these stations are listed on page XV.

The agricultural extension service, which is maintained by the States and the Department, is represented in nearly every county by an agricultural agent and in many, by home demonstration agents. These agents are well informed about the agriculture and home problems in their counties. They can give valuable information concerning conditions and practices there and also about many things prospective farmers or homemakers need to know. The office of these county agents and home demonstration agents is usually located at the county seat.

For additional information on agricultural subjects not included in this list, write to the Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

DISTRIBUTION OF PUBLICATIONS

Publications are free in limited quantities unless a price is given. On general requests if more than 10 are desired, justification must be given. Use the following instructions as a guide:

American Educational Institutions:

Libraries and instructors may obtain as many as one each of 100 free publications. Justification is required if more are ordered. The Department is unable to supply them in quantity for individual textbook use.

Extension Workers:

Publications can be had in quantities if application has cleared through the State publications-distribution officer. His office is usually located at the State college. In many cases the distribution officer is the State extension director or State extension editor. Clearance is not required if 50 or fewer publications are ordered. Send letters not requiring clearance to: Federal Extension Service, U. S. Department of Agriculture, Washington 25, D. C.

Foreign Governments and Institutions:

No publications issued by the Department of Agriculture will be sent regularly to any foreign government, organization or private agency, unless exchange arrangements have been made by the Librarian of the Department of Agriculture. The Department's Library, however, will be glad to arrange for such exchange of publications. All inquiries concerning the exchange of publications should be addressed to the Library, U. S. Department of Agriculture, Washington 25, D. C.

Foreign Residents:

No free distribution. Individuals or institutions not covered above may purchase copies of any listed publication from the Superintendent of Documents in accordance with the instructions in paragraph 5 under How to Order Publications That Are for Sale, page VII. Prices not given will be quoted upon request.

Government Agencies and Cooperators (Federal, State, county, and local):

Library and office copies of free publications may be obtained when needed. Consideration will also be given to quantity requests if effective distribution can be assured.

Libraries (State or Public):

One copy each of any free publication needed.

Organizations (commercial):

One copy each of free publications will be furnished to libraries on request. Only 10 publications are sent on other requests. If more are desired it is requested that they be purchased. Where prices are not given, they will be quoted on request from the Superintendent of Documents, Government Printing Office,

Washington 25, D. C. *See How Publications May Be Obtained in Quantities, below.*

Organizations (nonprofit):

Library or office copies of free publications will be furnished on request. Consideration will also be given to quantity requests if effective distribution can be assured.

Press:

Library and review copies of free publications will be furnished on request. Justification is required if more than 50 are ordered. Publications cannot be furnished for redistribution. Before publicizing a publication please obtain permission, as otherwise the supply on hand might not be sufficient to meet the demand.

Public:

Not more than 10 publications are supplied unless justification is given. *See How Publications May Be Obtained in Quantities, below.*

Radio:

Same as Press. *See above.*

Students:

For reasons of economy publications cannot be furnished direct to students. Please apply through your instructors or school libraries. *See American Educational Institutions, page V.*

Teachers:

See American Educational Institutions, page V.

HOW TO ORDER FREE PUBLICATIONS

1. *See Distribution of Publications, page V.*

2. Give series, number, and title of bulletins and list each series numerically. That is, group all the "C" numbers, "F" numbers, "L" numbers, etc., in numerical order, as indicated below. If you do this it will hasten action on your request.

Sample Order:

F 1318.	Greenhouse construction and heating.
F 1470.	Care and management of dairy cows.
F 1754.	Care and repair of mowers and binders.
F 1968.	Pattern alteration.
F 2007.	Mixing fertilizers on the farm.
L 142.	Production of turnips and rutabagas.
C 781.	Brucellosis of swine.
G 14.	A step-saving U kitchen.
G 39.	Mending men's suits.
G 43.	Money-saving main dishes.

3. Write your name and address plainly. Be sure that you have given the correct street address or rural route number.

4. Send orders for free publications to the Division of Publications, Office of Information, U. S. Department of Agriculture, Washington 25, D. C., unless otherwise instructed. Do not ask for more publications than you are entitled to, usually ten.

5. If you are ordering publications some of which are free and some for sale, make separate orders and mail them as directed. *See also How to Order Publications That Are for Sale, page VII.*

HOW PUBLICATIONS MAY BE OBTAINED IN QUANTITIES

The law governing the printing and distribution of Government publications provides that the Superintendent of Documents, Government Printing Office may have printed for sale any publication of which there is a demand that cannot be filled free. Therefore, if more publications are needed than are allowed free they may usually be purchased. *See How to Order Publications That Are For sale, page VII.*

Members of Congress receive an allotment of Farmers' Bulletins, Leaflets, and Home and Garden Bulletins for such distribution as they wish to make. Hence, it is often possible to obtain more copies than the Department of Agriculture can supply by applying to a United States Senator or Representative.

HOW TO ORDER PUBLICATIONS THAT ARE FOR SALE

1. Send order and remittance for publications listed for sale only, to the Superintendent of Documents, Government Printing Office, Washington 25, D. C. **Do not send to the Department of Agriculture.**
2. Remittances must be made in advance of shipment of publications, either by coupons, sold by the Superintendent of Documents in sets of 20 for \$1.00 and good until used, or by check or money order payable to the Superintendent of Documents. Currency may be sent at sender's risk. Foreign money and defaced or smooth coins are not acceptable. Do not send postage stamps.
3. Prices not given will be quoted upon request. Prices are subject to change without notice.
4. Postage is not required for shipment within the United States, including Alaska, Canal Zone, Guam, Hawaii, Puerto Rico, Samoa (U. S.), and Virgin Islands (U. S.), nor for shipment to Bolivia, Canada, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras (Republic of), Mexico, Newfoundland (including Labrador), Nicaragua, Panama, Paraguay, Peru, Uruguay, and Venezuela.
5. For shipment to all other countries not mentioned in paragraph 4, an additional amount of about one-third of the purchase price is required. *Exception:* When subscribing for a periodical do not send postage, as this is provided for in the subscription price. Remittances should be made by international money order or draft on an American bank payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.
6. A discount of 25 percent is allowed to authorized book dealers and to quantity purchasers of 100 or more publications on condition that the purchasers will adhere to the public sale price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.
7. Deposit accounts may be opened with the Superintendent of Documents. In order to open such an account send in a check in the amount of \$10.00, requesting a deposit account, together with your correct name and address. Sufficient deposit to take care of the publications ordered must be on hand at all times.

PUBLICATIONS NO LONGER AVAILABLE

Publications of the Department no longer in print may be consulted in Public or University libraries maintaining government publications. Many of these libraries carry fairly complete files of Department of Agriculture publications but if the one nearest you is at any distance, time might be saved if you communicate with the library concerning the publications you want to consult before making a trip. In addition to unavailable publications, the ones listed herein may also be consulted.

DESCRIPTIONS OF SERIES**AGRICULTURAL STATISTICS**

This publication is issued once a year. It contains detailed analytical statistics on agriculture.

AGRICULTURE HANDBOOKS

This new series includes useful information designed for use as ready references, such as manuals, guidebooks, specifications, glossaries, and lists of plants or animals.

AGRICULTURE INFORMATION BULLETINS

This new series includes subject matter of interest to people and groups throughout the American public—urban as well as rural. This series includes material of the type formerly published in the Miscellaneous Publications.

AGRICULTURE MONOGRAPHS

A new technical series carrying results of comprehensive studies and compilations covering broad fields of investigation. Publications in this series are intended chiefly for technical specialists in the various agricultural phases of knowledge.

BIBLIOGRAPHICAL BULLETINS

This series includes printed bibliographies and summaries of literature compiled in the Department.

CIRCULARS

Circulars are semitechnical publications that describe the methods, equipment, and observations necessary for the control of diseases, insects, and parasites of plants and animals. The culture and marketing of crops, including new varieties that are developed, are also described in this series. They are intended chiefly for use by specialized operators, growers, or processors, or for use under special conditions or phases of agriculture requiring specific discussion.

FARMERS' BULLETINS

Information on practical methods of applying the results of scientific research to farming and homemaking is given in simple language in this series.

FOREIGN AGRICULTURE CIRCULARS

Content.—Contain current information on foreign agricultural production and market trends in certain commodities. Designed to assist foreign marketing of United States farm products.

Distribution.—Issued at irregular intervals on separate mailing lists for the following groups of commodities:

Coffee	Fresh Vegetables	Sugar
Citrus	Grains	Tobacco
Cotton	Hops	Vegetable Fibers
Dairying	Livestock and Meat	Wool
Deciduous Fruit	Nuts	Foreign Agricultural Trade
Dried Fruit	Poultry and Eggs	and Policy
Fats and Oils	Rice	

Available free upon request to persons in the United States. Apply to Foreign Agricultural Service, U. S. Department of Agriculture, Washington 25, D. C.

FOREIGN AGRICULTURE REPORTS

These reports present the results of studies and research pertaining to the agriculture and markets of foreign countries or regions, especially as they pertain to the foreign marketing of United States agricultural products. No regular date of issuance.

FOREST RESOURCE REPORTS

This series for forestry corresponds somewhat to the Soil Survey reports for land and soil.

HOME AND GARDEN BULLETINS

This new series presents popular publications on home economics subjects for use by town and city as well as farm residents.

INTERNATIONAL AGRICULTURAL COLLABORATION REPORTS

These reports present the results of field investigations and research under the broad authorized program of intergovernmental technical collaboration. No regular date of issuance.

LEAFLETS

Leaflets carry popular material of the same general character as the Farmers' Bulletin series except that they are simpler and briefer.

MARKETING RESEARCH REPORTS

In this new series the results of marketing research are presented in semi-technical or popular style.

MISCELLANEOUS PUBLICATIONS

This series includes both technical and nontechnical publications that do not conform to the size or type of material specified for the other series. Series discontinued.

PROGRAM AIDS

This series presents guides in meeting the various farm programs as well as the aims and progress being made.

PUBLICATIONS OF THE FEDERAL EXPERIMENT STATION IN PUERTO RICO

In general the Bulletins of the Federal Experiment Station in Puerto Rico contain technical material and the Circulars contain more popular information on the subjects treated.

SOIL SURVEYS

Soil Survey reports contain: (1) A soil map, in color, showing the extent and distribution of the different soils in the area; (2) descriptions of each of the soils shown on the soil map, giving its texture, color, structure, friability, depth, quality of drainage, degree of stoniness, slope, presence of hardpans or other impermeable layers, reactions, and other characteristics affecting plant growth; (3) estimates of the productivity of each soil in terms of crop yields, and suggestions for its use and management; (4) a technical discussion of the mode of origin of the soils of the area, and of their characteristics in relation to the major soil groups of the Nation; (5) a general description of the climate, agriculture, markets, transportation facilities, industries, population, and other items of interest, concerning the area. *See* pages 101-111.

STATISTICAL BULLETINS

This series consists mainly of tables giving statistics on one or more closely related agricultural commodities. They contain, insofar as possible, statistics of foreign and domestic production and marketing, including movement from the farm, receipts at principal markets, reshipments, farm and market prices, and exports and imports. They are of particular interest to persons actually engaged in marketing, or any business affected by agricultural production and marketing.

TECHNICAL BULLETINS

Technical Bulletins contain results of research work carried on by the Department of Agriculture and its cooperators. They are written in technical language and are intended chiefly for distribution to scientists and specialists in the fields studied. Usually a comparatively small edition is printed which limits the number of copies that are available for free distribution.

YEARBOOKS

For several years prior to 1936 the Yearbook was made up of detailed agricultural statistics and of brief summaries of new developments in agriculture. Since 1936 the detailed analytical statistics section has been issued annually as Agricultural Statistics. Since 1936 the section devoted to articles on agricultural problems, new developments in agriculture, and research findings has been printed separately and is known as the Agriculture Yearbook. *See* page 34.

Yearbook Separates

Yearbook Separates are articles reprinted from the Yearbooks. They contain information on specific subjects that is identical to that printed in the Yearbooks.

PERIODICAL PUBLICATIONS AND MAILING LISTS

The following descriptions of the printed periodicals issued by the Department of Agriculture give a brief outline of the kind of information each contains. With a few exceptions the free distribution of periodicals is very limited. Anyone who wishes to have his name added to a free list should furnish a description of the nature of his work with his application. Persons not entitled to receive free subscriptions may purchase them according to the instructions given for each periodical.

AGRICULTURAL ECONOMICS RESEARCH

Content.—A quarterly periodical which began with the January 1949 issue. It is intended as a medium for the publication of technical articles which deal with methods, results, and findings of research in agricultural economics. Included are interim reports on work in progress, articles on new research methods of techniques, critical discussions of old techniques that are in regular use, and articles on new or expanding areas of research or statistical fact-gathering. Discussions of techniques cover the probable usefulness of new developments and the place of such new areas of work in the agricultural field. Invited to contribute to the journal are Agricultural Marketing Service representatives, State statisticians and members of their staffs. Each issue carries a list of recent research and

statistical publications in agricultural economics issued by the Service and co-operating State agencies.

Free distribution.—This periodical is limited chiefly to professional workers. Apply to the Agricultural Marketing Service, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Single copies, 20¢ each; domestic subscription, 75¢ a year. Foreign subscription, \$1.00 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

THE AGRICULTURAL FINANCE REVIEW

Content.—Formerly issued semi-annually but since 1945 annually. Discusses current developments and research findings in the various phases of agricultural finance. In addition, it is a basic source of financial data pertaining to agriculture in the United States. Signed articles by research specialists or officials of operating agencies and brief news items cover important developments in the changing financial situation of agriculture and in the financial institutions that serve agriculture. Research findings and analyses relate to such subjects as sources of capital used in agriculture, farm-mortgage credit, non-real estate credit, financing of specialized activities such as purchase of machinery, storage of commodities, agricultural risk and insurance, farm bankruptcies, farm real estate volume and transfers, taxation of farms and of farmers, and the interrelations of agriculture and public finance at local, State, and national levels. A statistical appendix contains detailed data by States and by geographic divisions. Also included are a list of current research activities in agricultural finance as reported by Federal and State agencies and reviews of pertinent books.

Distribution is intended for use by agricultural groups, government officials, economists, and educators who have need for a ready compilation of material relating to agricultural finance. Apply to Production Economics Research Branch, Agricultural Research Service, U. S. Department of Agriculture, Washington 25, D. C.

AGRICULTURAL RESEARCH

Content.—This monthly illustrated periodical is designed to report late research findings to those who work directly with farmers, processors, marketing agencies, and the general public.

Free distribution, which is limited, includes extension workers, vocational agriculture teachers, other Federal and State workers, industrial research directors, advisory committees, farm organizations, press and radio, and trade associations. Apply to Agricultural Research Service, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Single copies 15¢ each, domestic subscription \$1.00 a year. Foreign subscription \$1.35 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

THE AGRICULTURAL SITUATION

Content.—This publication contains a summary of the current agricultural outlook and brief articles dealing with the economic problems of agriculture. This publication is designed primarily for those interested in agriculture from a general nontechnical standpoint. It is usually 16 pages and is issued the first week of each month.

Free distribution is limited to Department of Agriculture workers and cooperators, agricultural experiment stations, State agricultural colleges, libraries, and the press. Apply to the Agricultural Marketing Service, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Single copies, 5¢ each; domestic subscription, 50¢ a year. Foreign subscription, 70¢ a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

AGRICULTURE DECISIONS

Content.—This monthly official publication makes available to the public decisions of the Secretary of Agriculture under regulatory laws administered in the United States Department of Agriculture. The decisions may be described

generally as decisions which are made in proceedings of quasi-judicial (as contrasted with quasi-legislative) character, and which, under the applicable statutes can be made only after notice and hearing or opportunity for hearing have been given. Current court decisions involving the regulatory laws administered by the Department are included in this publication. An annual Index-Digest and Subject-Index of both the agriculture decisions and court decisions, lists of decisions reported, table of statutes, orders, etc., cited and construed, and other tables will be found at the end of each December issue.

Free distribution is limited to individuals and collaborators engaged in regulatory work. Apply to the Office of the Solicitor, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Price of single copy varies depending on size; domestic subscription, \$4.00 a year. Foreign subscription \$5.00 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

BIBLIOGRAPHY OF AGRICULTURE

Content.—This monthly publication lists all of the literature on agriculture and closely related subjects received by the Department Library, and covers more than 12,000 periodical and serial publications as well as thousands of books, pamphlets, and governmental documents in this field.

Free distribution is limited to Federal, State and other public agencies. Apply to the Library, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Single copies vary in price; domestic subscription, \$8.00 a year. Foreign subscription, \$9.50 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

CROPS AND MARKETS

Content.—Crops and Markets is published annually as a supplement to Agricultural Statistics. It contains additional statistics on crop production, livestock slaughter, farm income, farm wages and employment, farm population, prices received and paid by farmers, and other special subjects. Where possible statistics are given by States and by months.

Free distribution is limited to United States Department of Agriculture workers and cooperators, agricultural experiment stations, staff members of agricultural colleges, agricultural libraries, and the press. Apply to the Agricultural Marketing Service, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Single copies vary in price. No subscription. Send request to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

EXTENSION SERVICE REVIEW

Content.—The Extension Service Review is a monthly magazine issued by the Federal Extension Service in the interest of workers and cooperators of the Department of Agriculture who are engaged in extension activities. It contains official statements and other information necessary to the performance of their duties.

Free distribution is limited to extension workers. Apply to the Federal Extension Service, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Single copies, 10¢ each; domestic subscription, \$1.00 a year. Foreign subscription, \$1.50 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

FIRE CONTROL NOTES

Content.—A quarterly periodical devoted to the technique of fire control. Articles and notes deal with fire research or fire control management: Theory, relationships, prevention, equipment, detection, communication, transportation, cooperation, planning, organization, training, fire fighting, methods of reporting, and statistical systems.

Free distribution is limited to Forest Service employees and cooperators in fire control work. Apply to the Forest Service, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Single copies, 20¢ each; domestic subscription, 75¢ a year. Foreign subscription, \$1.00 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

FOREIGN AGRICULTURE

Content.—Issued monthly; 24 pages, illustrated. A consolidation of Foreign Agriculture, issued monthly since January 1937, and of Agriculture in the Americas, issued monthly from February 1941 to December 1947. Presents reports on world competition with, and world demand for, the products of United States agriculture; general aspects of world agricultural developments, including scientific progress, government policy, and commodity situations; international trade in agricultural products; and information on developments in the field of international technical collaboration for the advancement of agriculture. Indexed yearly.

Free distribution is limited to educational institutions. Apply to the Foreign Agricultural Service, U. S. Department of Agriculture, Washington 25, D. C.

Sale distribution.—Single copies, 15¢ each; domestic subscription, \$1.50 a year. Foreign subscription, \$2.00 a year. When remitting for a subscription to be sent to a foreign country, do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

FOREIGN CROPS AND MARKETS

Content.—A weekly publication averaging about 25 pages. Designed to assist the foreign marketing of United States farm products by keeping the nation's agricultural interests informed of current crop and livestock developments abroad, foreign trends in production, prices, supplies, and consumption of farm products, and other factors affecting world agricultural trade.

Distribution.—Free upon request to persons in the United States. Apply to Foreign Agricultural Service, U. S. Department of Agriculture, Washington 25, D. C.

U. S. FOREIGN TRADE IN AGRICULTURAL PRODUCTS

Content.—Issued monthly, with annual summaries on a fiscal-year and calendar-year basis. The monthly issues contain quantity indexes of United States foreign trade in agricultural products and tables showing by quantity and value the cumulative imports and exports of principal agricultural products from July 1 of the current year to date, as compared with the preceding year. One of the annual (fiscal-year basis) compilations in this series deals specifically with United States imports of fruits and vegetables under quarantine.

Distribution.—Free upon request to persons in the United States. Apply to Foreign Agricultural Service, U. S. Department of Agriculture, Washington 25, D. C.

MARKETING ACTIVITIES

Content.—This monthly publication is designed to keep marketing officials, marketing specialists, and the general public informed about current services, technical research, and related matters in marketing. It carries articles dealing with various phases of marketing—standardization, inspection, grading, packing, regulatory activities, market reporting, statistics, marketing-agreement programs, marketing research, and marketing facilities. Each issue carries a list of Agricultural Marketing Service printed and processed reports issued during the month preceding.

Free distribution.—Limited to libraries, the press, Government officials, State marketing officials, staff members of agricultural colleges, experiment stations and other institutions, persons engaged in the dissemination of marketing information, and groups cooperating in marketing research programs.

Sales distribution.—Single copies, 15¢ each; domestic subscription, \$1.50 a year. Foreign subscription, \$2.00 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES

Content.—This list is issued each month. It gives the author, title and issuing agency of each printed publication issued by the Department during the preceding month. It also lists and describes any motion picture released.

Distribution is free. This list will be sent to anyone who requests it. Apply to the Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

NEWS FOR FARMER COOPERATIVES

Content.—News for Farmer Cooperatives contains educational and informative articles by research workers and other leaders in agricultural cooperation. It relates to such problems as management, organization, financing, policies, merchandising, sales, costs, competition, and membership of farmers cooperatives. It is issued monthly and is illustrated.

Free distribution is limited to cooperative associations, public institutions, and persons primarily concerned with furthering the cooperative movement among farmers. Apply to the Farmer Cooperative Service, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Single copies, 10¢ each; domestic subscription, \$1.00 a year. Foreign subscription, \$1.50 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NOTICES OF JUDGMENT

Content.—Notices of judgment give the essential facts of seizure and prosecution of cases brought under the Insecticide Act of 1910 and the Federal Insecticide, Fungicide, and Rodenticide Act approved June 25, 1947. Notices are not issued at specific intervals but are published in groups after the termination of the cases in court.

Distribution is free. Persons wishing to receive notices of judgment in regard to insecticides, fungicides, and rodenticides may have their names placed on the mailing list by applying to the Plant Pest Control Branch, Agricultural Research Service, U. S. Department of Agriculture, Washington 25, D. C.

RURAL LINES

Content.—Rural Lines is a monthly review of REA-financed rural electrification and rural telephone activity in the United States. The periodical contains articles, technical discussions, and news items and pictures on the efficient use of electrical equipment on the farm and in the farm home; on the use of electricity in rural industry, hospitals and other community enterprises; on new developments in the fields of rural electrification and rural telephony; and on management activities of rural electric and rural telephone systems financed by REA.

Free distribution is made to the staff of the Department, to Federal and State agencies active in the rural electrification and telephone programs; to libraries, educational institutions, the press, and managers and directors of REA-financed organizations. Apply to Rural Electrification Administration, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Single copies, 15¢ each; domestic subscription, \$1.50 a year. Foreign subscription, \$2.00 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

SERVICE AND REGULATORY ANNOUNCEMENTS

Agricultural Marketing Service

Content.—Publications in this series of announcements contain specifications of standards for cotton, livestock, meats, wool, potatoes, and tobacco. They also include rules and regulations of the Secretary of Agriculture governing the inspection and certification of farm products, and rules and regulations for the enforcement of the following acts: Cotton Futures Act, Cotton Standards Act, Export Apple and Pear Act, Federal Seed Act, Grain Standards Act, Naval Stores Act, Packers and Stockyards Act, Perishable Agricultural Commodities Act, Produce Agency Act, Standard Container Acts of 1916 and 1928, Tobacco Inspection Act, and the Warehouse Act.

Distribution is free. A mailing list to receive copies of this series as issued is maintained for the use of persons interested in regulatory work. Single copies are also available. See list, pages 121-122. Apply to the Agricultural Marketing Service, U. S. Department of Agriculture, Washington 25, D. C.

Crops Regulatory Programs Branches, Agricultural Research Service

The Crops Regulatory Programs Branches, Agricultural Research Service, issue quarterly, as Service and Regulatory Announcements, quarantines, regulations, and related matter issued during the period covered. The quarantines and regulations are promulgated by the Administrator of the Agricultural Research Service under the Plant Quarantine Act of 1912 to protect our agriculture from the introduction and dissemination of injurious insects and plant diseases.

Distribution is free. A mailing list to receive copies of this series as issued is maintained for the use of Department of Agriculture workers and cooperators, agricultural experiment stations, State agricultural colleges, libraries, and the press. Single copies are also available. For list of available quarantines and regulations see pages 122-123. Apply to Agricultural Research Service, U. S. Department of Agriculture, Washington 25, D. C.

Livestock Regulatory Programs Branches, Agricultural Research Service

Content.—The Livestock Regulatory Programs Branches, Agricultural Research Service, issue one announcement monthly for the dissemination of information, instructions, and rulings concerning the work of the Branches. This announcement also contains statistical information on the progress of animal-disease-control campaigns, and the administration of livestock laws.

Free distribution is limited to Department of Agriculture officials, establishments where inspection work is conducted, certain public officers, and journals especially concerned. Apply to Agricultural Research Service, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Single copies, 5¢ each; domestic subscription, 50¢ a year. Foreign subscription, 70¢ a year. When remitting for a subscription to be sent to a foreign country, do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

SOIL CONSERVATION

Content.—This is a monthly, illustrated periodical concerned with soil and water conservation. Soil Conservation publishes a wide variety of technical, popular and news articles. It features "farmer experience" stories and tells of plants and practices important to erosion control. Special attention is given to the activities of soil conservation districts, and to the work of the Soil Conservation Service.

Free distribution is limited to a very small number of workers and official cooperators of the Department engaged in soil conservation activities, to libraries, agricultural colleges, experiment stations, and similar institutions. Apply to the Soil Conservation Service, U. S. Department of Agriculture, Washington 25, D. C.

Sales distribution.—Single copies, 15¢ each; domestic subscription, \$1.25 a year. Foreign subscription, \$1.75 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

HOW TO OBTAIN MOTION PICTURES

The motion pictures produced by the Motion Picture Service, Office of Information, United States Department of Agriculture, are informational and instructional in type. They are designed to aid in disseminating information on agricultural products, their production, distribution, and utilization. They demonstrate improved methods in agriculture and home economics, stress the need for conservation of soil, forests, and other resources, explain the farm credit system, forestry, land use, marketing, rural electrification, and kindred subjects, and help to increase the effectiveness of cooperative extension work.

The Department has available approximately 200 sound and a few silent releases; some are available in both 16mm and 35mm widths; and many are in color. Approximately 50 of these films have been released for television use. Prints of Department films in the 16mm width may be borrowed from 75 cooperating film libraries in the 48 States, the District of Columbia, and the Territories of Alaska, Hawaii, and Puerto Rico, and may be purchased outright at nominal cost. A listing of the films, with short descriptions, names and addresses of cooperating film libraries, and details regarding their loan and purchase is available from the Motion Picture Service, Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

HOW TO OBTAIN PHOTOGRAPHS

Reproductions of photographs which have been obtained in connection with the authorized work of the United States Department of Agriculture may be purchased from the Department. Prices for prints and enlargements will be quoted upon request. However, no reproductions will be made for applicants other than Federal agencies until payment for them has been received. A minimum charge of \$1.00 per order will be made on all orders.

No photographs will be sent on approval or for selection. Neither will the Department furnish reproductions when it is believed that they may be used to show, by implication or otherwise, that the Department endorses any commercial product.

When ordering photographs of illustrations appearing in Department publications the figure number, title, number, and date of issuance of each publication should be given. Requests should be addressed to the Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

HOW TO OBTAIN SLIDEFILMS

Slidefilms (filmstrips) in series cover a variety of agricultural and home economics subjects and are accompanied by supplementary notes for lecture use. A price list of available slidefilms, which are for sale only, may be obtained from the Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

AGRICULTURAL EXPERIMENT STATIONS IN THE UNITED STATES

The agricultural experiment stations study problems relating to the agriculture of the States, and publish the results of such investigations. The publications issued by them usually constitute the most authoritative information available on the subjects treated, and can be obtained from the Director of the Station, usually free of charge. This list gives the post office addresses of the agricultural experiment stations in the United States.

State	City (postal zone number, if any)	State	City (postal zone number, if any)
Alabama	Auburn.	Nebraska	Lincoln 3.
Alaska	Palmer.	Nevada	Reno.
Arizona	Tucson.	New Hampshire	Durham.
Arkansas	Fayetteville.	New Jersey	New Brunswick.
California	Berkeley 4.	New Mexico	State College.
Colorado	Fort Collins.	New York:	
Connecticut:		State station	Geneva.
State station	New Haven 4.	Cornell station	Ithaca.
Storrs station	Storrs.	North Carolina	State College Sta. Sta., Raleigh.
Delaware	Newark.	North Dakota	State College Sta., Fargo.
Florida	Gainesville.	Ohio	Wooster.
Georgia	Experiment.	Oklahoma	Stillwater.
Hawaii	Honolulu 14.	Oregon	Corvallis.
Idaho	Moscow.	Pennsylvania	State College Sta. tion.
Illinois	Urbana.	Puerto Rico	Rio Piedras.
Indiana	LaFayette.	Rhode Island	Kingston.
Iowa	Ames.	South Carolina	Clemson.
Kansas	Manhattan.	South Dakota	State College.
Kentucky	Lexington 29.	Tennessee	Knoxville 16.
Louisiana	University Sta., Baton Rouge 3.	Texas	College Station.
Maine	Orono.	Utah	Logan.
Maryland	College Park.	Vermont	Burlington.
Massachusetts	Amherst.	Virginia	Blacksburg.
Michigan	East Lansing.	Washington	Pullman.
Minnesota	University Farm, St. Paul 1.	West Virginia	Morgantown.
Mississippi	State College.	Wisconsin	Madison 6.
Missouri	Columbia.	Wyoming	Laramie.
Montana	Bozeman.		

PUBLICATIONS CLASSIFIED BY SUBJECTS

AGRICULTURAL ECONOMICS

GENERAL

Leaflets:

L 299. Some questions . . . and answers on where and how to get a farm. 1950; revised 1953.

Agriculture Handbooks:

*AH 64. Analytical tools for measuring demand. 1954. 50¢. For sale only.

Agriculture Information Bulletins:

*AB 3. Generalized types of farming in the United States. 1950. 35¢. For sale only.

*AB 4. Price spreads between farmers and consumers. 1949. 40¢. For sale only.

*AB 30. Guide to agriculture, U. S. A. 1951. 30¢. For sale only.

AB 51. Agriculture's stake in foreign markets. Part I. Trends in United States agricultural exports. 1951.

*AB 87. Trends in selected facilities available to farm families. 1952. 15¢. For sale only.

AB 88. Agriculture's capacity to produce: Possibilities under specified conditions. 1952.

*AB 90. The balance sheet of agriculture, 1952. 1952. 15¢. For sale only.

*AB 100. Electricity in farm production: Eastern livestock area of Iowa. 1953. 30¢. For sale only.

*AB 108. Low production farms. 1953. 45¢. For sale only.

*AB 115. The balance sheet of agriculture, 1953. 1953. 15¢. For sale only.

Circulars:

*C 836. Consumption of feed by livestock, 1909-47. 1949. 25¢. For sale only.

C 847. Effect of increases in freight rates on agricultural products. 1950.

*C 852. Electricity on farms in the eastern livestock area of Iowa: A progress report. 1950. 25¢. For sale only.

Miscellaneous Publications:

*M 620. The balance sheet of agriculture, 1947. 1948. 15¢. For sale only.

*M 705. A graphic summary of world agriculture. 1949. 30¢. For sale only.

Statistical Bulletins:

SB 83. Farm production, practices, costs, and returns. 1949.

*SB 101. Fluctuations in crops and weather, 1866-1948. 1951. \$1.00. For sale only.

Technical Bulletins:

T 789. Supply responses in milk production in southeastern Minnesota. 1941.

*T 1019. Sizes of farms in the United States. 1950. 30¢. For sale only.

*T 1020. Gains in productivity of farm labor. 1950. 30¢. For sale only.

T 1031. Interregional competition in the production of chickens and eggs. 1951.

T 1037. Relationship between size of farm and utilization of machinery, equipment and labor on Nebraska corn-livestock farms. 1951.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Technical Bulletins—Continued

- *T 1042. Analysis of factors influencing cotton yields and their variability with special reference to the Upper Piedmont and West Texas Rolling Plains. 1951. **40¢. For sale only.**
- T 1061. The demand and price structure for corn and total feed concentrates. 1952.
- *T 1068. The demand and price structure for food fats and oils. 1953. **25¢. For sale only.**
- T 1070. Statistical analyses relating to the feed-livestock economy. 1953.
- *T 1078. Economics of preparing wool for market and manufacture. 1953. **30¢. For sale only.**
- T 1080. The demand and price structure for oats, barley, and sorghum grains. 1953.
- T 1081. The analysis of demand for farm products. 1953.

Yearbooks:

- *YB 1940. Farmers in a changing world. **\$1.50. For sale only.**

Yearbook Separates:

- *YS 1727. Farmers in a changing world—A summary. 1940. **15¢. For sale only.**

Unnumbered:

- *Atlas of American agriculture. 1936. **\$17.00. For sale only.**

Maps:

- *Generalized types of farming in the United States. 10 by 15½ inches. Colored. 1949. **5¢. For sale only.**

FARM MANAGEMENT**Farmers' Bulletins:**

- F 1045. Laying out fields for tractor plowing. 1919; revised 1945.
- F 1132. Planning the farmstead. 1920; revised 1931.
- F 1526. Clearing land of brush and stumps. 1927; revised 1946.
- *F 1725. Methods and costs of filling silos in the North Central States. 1934. **5¢. For sale only.**
- F 1961. Getting started in farming. 1944; slightly revised 1949.
- F 1962. Useful records for family farms. 1944.
- F 1965. Planning the farm for profit and stability. 1945; slightly revised 1946.
- F 1966. Part-time farming. 1945; revised 1953.
- F 1969. Better farm leases. 1945; slightly revised 1950.
- F 2026. Father-son farm-operating agreements. 1951.
- F 2035. Making land produce useful wildlife. 1951.

Leaflets:

- L 249. What is a conservation farm plan? 1948.

Circulars:

- *C 886. Place of summer fallow in the agriculture of the Western States. **10¢. For sale only.**

Miscellaneous Publications:

- M 627. Your farm lease. 1947; revised 1949.

Technical Bulletins:

- *T 1007. Crop rotation and tillage experiments at the North Platte (Nebr.) Substation, 1907–1934. 1950. **25¢. For sale only.**

Yearbooks:

- *YB 1940. Farmers in a changing world. **\$1.50. For sale only.**
- *YB 1942. Keeping livestock healthy. **\$2.25. For sale only.**
- *YB 1943–47. Science in farming. **\$2.25. For sale only.**
- *YB 1948. Grass. **\$2.00. For sale only.**
- *YB 1949. Trees. **\$2.00. For sale only.**
- *YB 1950–51. Crops in peace and war. **\$2.50. For sale only.**
- *YB 1952. Insects. **\$2.50. For sale only.**
- *YB 1953. Plant diseases. **\$2.50. For sale only.**
- *YB 1954. Marketing. **\$1.75. For sale only.**

Yearbook Separates:

- *YS 1983. Simplifying farm work. 1947. **5¢. For sale only.**

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

AGRICULTURAL FINANCE

Farmers' Bulletins:

F 1614. Business records for poultry keepers. 1929; slightly revised 1946.
 *F 1715. Methods and costs of husking corn in the field. 1933. 5¢.
 For sale only.
 *F 1725. Methods and costs of filling silos in the North Central States. 1934. 5¢. For sale only.
 F 1962. Useful records for family farms. 1944.
 F 2016. Insurance for farmers: Fire, windstorm, crop-hail, liability, and life. 1950.
 F 2026. Father-son farm-operating agreements. 1951.

Leaflets:

*L 123. The farmer's share of the consumer's food dollar. 1937; revised 1946. 5¢. For sale only.

Agriculture Handbooks:

*AH 52. The small timber owner and his Federal income tax. 1953. 20¢. For sale only.

Agriculture Information Bulletins:

*AB 4. Price spreads between farmers and consumers. 1949. 40¢.
 For sale only.
 *AB 6. Farm-to-retail margins for Washington Delicious apples marketed in Chicago, 1947-48 season. 1949. 15¢. For sale only.
 *AB 13. Price programs of the United States Department of Agriculture. 1950; revised 1953. 25¢. For sale only.
 AB 44. Farm-to-retail margins from Appalachian apples marketed in Pittsburgh, 1949-50 season. 1951.
 AB 47. Marketing charges for apples sold in Pittsburgh, December 1949-May 1950. 1951.
 AB 56. Hail insurance on growing crops. 1951.
 AB 61. Farm-to-mill margins for cottonseed and cottonseed products in Tennessee, September 1946-July 1950. 1951.
 AB 70. Farmers' mutual windstorm insurance. 1952.
 AB 85. Commercial family-operated sheep ranches, Intermountain region, 1930-50: Organization, costs, and returns. 1952.
 *AB 89. Cotton farming in the southern Piedmont, 1930-51: Organization, costs, and returns. 1952. 35¢. For sale only.
 *AB 90. The balance sheet of agriculture, 1952. 1952. 15¢. For sale only.
 AB 97. Financial structure of Virginia agriculture. 1953.
 *AB 101. Farm family spending and saving in Illinois with a comparison of survey and home-accounts data. 1954. 30¢. For sale only.
 *AB 115. The balance sheet of agriculture, 1953. 1953. 15¢. For sale only.
 *AB 116. Farm costs and returns, 1952 (with comparisons): 20 types of commercial family-operated farms in 12 major farming regions. 1953. 20¢. For sale only.
 *AB 119. Farm mutual reinsurance. 1953. 35¢. For sale only.
 AB 122. Legal liability risks and insurance protection for farmers. 1954.
 AB 126. Factors affecting farm loan interest rates. 1954.
 *AB 128. Farm costs and returns, 1953 (with comparisons): Commercial family operated farms, by type, and location. 1954. 30¢. For sale only.
 AB 129. Bank financing of dairy farmers in northern Vermont. 1954.

Agriculture Monographs:

*AM 8. The land is mine: From tenancy to family farm ownership. 1950. \$1.75. For sale only.

Circulars:

C 812. Farm-mortgage loans and their distribution by lender groups, 1940-48. 1949.
 *C 823. The farm real estate situation, 1947-48 and 1948-49. 1949. 10¢. For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Circulars—Continued

- *C 899. Forest yield taxes. 1952. 20¢. For sale only.
- *C 934. Irrigation-enterprise organizations. 1953. 30¢. For sale only.

Marketing Research Reports:

- MRR 2. Transportation and handling costs of selected fresh fruits and vegetables in the San Francisco Bay terminal market area. 1952.
- MRR 4. Marketing charges for head lettuce sold in Pittsburgh, Pa., December 1949–June 1950. 1952.
- MRR 5. Marketing charges for potatoes sold in Pittsburgh, Pa., December 1949–June 1950. 1952.
- MRR 6. Marketing charges for head lettuce sold in Cleveland, Ohio, February–June 1950. 1952.
- MRR 21. Marketing charges for potatoes sold in Cleveland, Ohio, February–June 1950. 1952.
- MRR 27. Marketing charges for oranges sold in Pittsburgh and Cleveland, 1949–50 season. 1953.
- MRR 31. Marketing charges for carrots sold in Pittsburgh, Pa., Dec. 1949–June 1950 and in Cleveland, Ohio, Feb.–June, 1950. 1953.
- MRR 55. Methods and costs of loading apples in the orchard in the Pacific Northwest. 1954.

Miscellaneous Publications:

- M 652. Managing farm finances. 1948.
- *M 653. How families use their incomes. 1948. 30¢. For sale only.
- *M 661. Guiding family spending. 1949. 15¢. For sale only.
- *M 666. Changes in rural family income and spending in Tennessee, 1943–1944. 1949. 25¢. For sale only.
- M 701. Using credit to finance farmhouse improvements. 1949.

Statistical Bulletins:

- SB 83. Farm production, practices, costs, and returns. 1949.

Technical Bulletins:

- *T 934. Marketing margins and costs for grains, grain products, and dry edible beans. 1947. 25¢. For sale only.
- T 1033. Costs of manufacturing carded cotton yarn and means of improvement. 1951.
- *T 1041. Prices of apparel wool. 1951. 20¢. For sale only.

Yearbook Separates:

- *YS 1998. Planning farm returns. 1947. 5¢. For sale only.

Unnumbered:

- *Farm family account book. 1935. 45¢. For sale only.
- *Farm family record book. 1947; revised 1953. 25¢. For sale only.

AGRICULTURAL LABOR**Agriculture Information Bulletins:**

- AB 120. Employment redistribution of Korean veterans. 1954.

Agriculture Monographs:

- *AM 1. Agricultural wage stabilization in World War II. 1950. 55¢. For sale only.
- *AM 13. A history of the emergency farm labor supply program, 1943–1947. 1951. \$1.25. For sale only.

Statistical Bulletins:

- SB 144. Labor used for field crops. 1954.

Technical Bulletins:

- T 895. Wages of agricultural labor in the United States. 1945.
- *T 1020. Gains in productivity of farm labor. 1950. 30¢. For sale only.

Yearbook Separates:

- *YS 1983. Simplifying farm work. 1947. 5¢. For sale only.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Others:

Migratory agricultural labor in the United States: An annotated bibliography of selected references. (Lib. List 59.) 1953.

*Unemployment and partial employment of hired farm workers in four areas, May 1951–May 1952. (A summary report.) 1953. 15¢. For sale only.

Unemployment and partial employment of hired farm workers in selected areas of Louisiana. 1954.

LAND ECONOMICS**Farmers' Bulletins:**

F 1983. Farm fishponds for food and good land use. 1947.

Agriculture Information Bulletins:

AB 59. Rural zoning in the United States. 1952.

*AB 102. Farming alternatives for potato growers on the Eastern Shore (Virginia–Maryland.) 1953. 45¢. For sale only.

Agriculture Monographs:

*AM 8. The land is mine: From tenancy to family farm ownership. 1950. \$1.75. For sale only.

Bibliographical Bulletins:

*B 22. Land ownership: A bibliography of selected references. 1953. 70¢. For sale only.

Circulars:

*C 820. Land use experience in southern Great Plains. 1949. 10¢. For sale only.

*C 823. The farm real estate situation, 1947–48 and 1948–49. 1949. 10¢. For sale only.

C 829. Group tenure in administration of public lands. 1949.

C 905. Economic use of forages in livestock production on Corn Belt farms. 1952.

C 909. Federal and state rural lands, 1950, with special reference to grazing. 1952.

Miscellaneous Publications:

*M 663. Inventory of major land uses in the United States. 1948. 25¢. For sale only.

M 699. Farm land ownership in the United States. 1949.

Technical Bulletins:

*T 963. Efficient use of food resources in the United States. 1948. 25¢. For sale only.

*T 1019. Sizes of farms in the United States. 1950. 30¢. For sale only.

T 1082. Major uses of land in the United States. 1953.

Suppl. to T 1082. Major uses of land in the United States: Basic land use statistics, 1950. 1953.

AGRICULTURAL ENGINEERING**ELECTRICITY****Farmers' Bulletins:**

F 1838. Electric light for the farmstead. 1940; revised 1951.

F 2039. Electric brooding saves pigs, saves lambs, saves feed. 1952.

F 2044. Using electricity in watering farm gardens. 1952.

Agriculture Information Bulletins:

*AB 100. Electricity in farm production: Eastern livestock area of Iowa. 1953. 30¢. For sale only.

*AB 124. Electricity on farms in New York and New England. 1954. 20¢. For sale only.

Bibliographical Bulletins:

*B 24. Rural electrification in the United States: A bibliography of selected references. 1954. 45¢. For sale only.

Circulars:

*C 852. Electricity on farms in the eastern livestock area of Iowa: A progress report. 1950. 25¢. For sale only.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Miscellaneous Publications:

M 597. Planning your farmstead wiring and lighting. 1946.
 M 674. Planning the electric water system and plumbing for your farmstead. 1949.
 *M 685. Telling the co-op story: An educational handbook for rural electric co-ops. 1949. 35¢. **For sale only.**

Technical Bulletins:

*T 1073. Comparative utilization of energy by household electric and liquefied petroleum gas ranges, refrigerators, and water heaters. 1953. 20¢. **For sale only.**

HEATING**Farmers' Bulletins:**

F 1318. Greenhouse construction and heating. 1923; slightly revised 1952.
 F 1889. Fireplaces and chimneys. 1941.

Miscellaneous Publications:

M 689. Your farmhouse . . . heating. 1949; slightly revised 1950.

Technical Bulletins:

*T 822. Factors affecting temperatures in southern farmhouses. 1942. 25¢. **For sale only.**
 T 1002. Temperatures and related conditions in Wisconsin farmhouses. 1950.

Unnumbered:

*Electric house heating. 1952. 15¢. **For sale only.**

MACHINERY AND EQUIPMENT**Farmers' Bulletins:**

F 810. Equipment for farm sheep raising. 1917; slightly revised 1940.
 F 1460. Simple plumbing repairs in the home. 1925; slightly revised 1948.
 F 1490. Hog-lot equipment. 1926; slightly revised 1940.
 F 1584. Feed-lot and ranch equipment for beef cattle. 1929; revised 1940.
 F 1675. Care of milk utensils on the farm. 1931.
 F 1678. Safe use and storage of gasoline and kerosene on the farm. 1932; revised 1945.
 F 1690. Plowing with moldboard plows. 1932; revised 1945.
 *F 1715. Methods and costs of husking corn in the field. 1933. 5¢. **For sale only.**
 F 1754. Care and repair of mowers and binders. 1936; revised 1942.
 *F 1761. Harvesting with combines. 1936; revised 1947. 15¢. **For sale only.**
 F 1797. Implements and methods of tillage to control soil blowing on the northern Great Plains. 1938; revised 1954.
 F 1818. Mechanical milk cooling on the farm. 1938; slightly revised 1946.
 F 1832. Farm fences. 1940; revised 1954.
 F 1907. Equipment and methods for harvesting farm woodland products. 1942.
 F 1931. Care and use of rope on the farm. 1943.
 F 1992. Disk plows and their operation. 1948.
 F 2028. Drying forage by forced ventilation. 1951.

Leaflets:

L 169. Preventing gin damage to cotton. 1938.
 L 216. Cotton gin maintenance. 1942; revised 1951.
 L 217. Ginning cotton for pure seed preservation. 1942; slightly revised 1943.
 L 331. Drying shelled corn and small grain with heated air. 1952.
 L 332. Drying shelled corn and small grain with unheated air. 1952.
 L 333. Drying ear corn with heated air. 1952.
 L 334. Drying ear corn with unheated air. 1952.

Circulars:

- *C 443. Artificial drying of forage crops. 1937; revised 1950. **10¢**
For sale only.
- *C 768. Cottonseed handling with small air pipes. 1948; revised 1953. **5¢. For sale only.**
- C 839. Mechanical drying of corn on the farm. 1950.
- *C 856. Pea and bean huller for use in locker and community canning plants. 1950. **5¢. For sale only.**
- *C 858. The flow-through lint-cotton cleaners. 1950. **10¢. For sale only.**
- *C 907. Economics of sugar-beet mechanization in California. 1952. **15¢. For sale only.**
- C 922. Cleaning cotton at gins and methods for improvement. 1953.

Technical Bulletins:

- T 756. The corrosive effect of chlorine and lye solutions on metals used in dairy equipment. 1941.
- *T 1073. Comparative utilization of energy by household electric and liquified petroleum gas ranges, refrigerators, and water heaters. 1953. **20¢. For sale only.**
- *T 1088. Home washing machines—operating characteristics and factors affecting performance. 1954. **15¢. For sale only.**

Yearbook Separates:

- *YS 1983. Simplifying farm work. 1947. **5¢. For sale only.**
- YS 2012. Equipment for making hay. 1948.
- YS 2196. Floating peas to clean them. 1951.
- YS 2227. Problems of machine picking. 1951.

STRUCTURES AND RURAL HOUSING

Farmers' Bulletins:

- F 810. Equipment for farm sheep raising. 1917; slightly revised 1940.
- *F 1267. Utilization of flue-heated tobacco barns for sweetpotato storage. 1922; slightly revised 1943. **5¢. For sale only.**
- F 1318. Greenhouse construction and heating. 1923; slightly revised 1952.
- F 1442. Storage of sweetpotatoes. 1925; revised 1948.
- *F 1487. Practical hog houses. 1926; slightly revised 1937. **5¢. For sale only.**
- F 1512. Protection of buildings and farm property from lightning. 1926; revised 1950.
- F 1554. Poultry houses and fixtures. 1928; revised 1934.
- F 1572. Making cellars dry. 1929; slightly revised 1938.
- *F 1582. Protection of log cabins, rustic work, and unseasoned wood from injurious insects. 1929; slightly revised 1943. **10¢. For sale only.**
- F 1643. Fire safeguards for the farm. 1930; revised 1949.
- F 1720. Adobe or sun-dried brick for farm buildings. 1934; revised 1949.
- *F 1738. Farmhouse plans. 1934; slightly revised 1935. **20¢. For sale only.**
- F 1756. Selection of lumber for farm and home building. 1936.
- F 1772. Use of concrete on the farm. 1937; slightly revised 1944.
- F 1820. Silos: Types and construction. 1931; revised 1948.
- F 1865. Closets and storage spaces. 1940.
- F 1869. Foundations for farm buildings. 1941; slightly revised 1952.
- F 1889. Fireplaces and chimneys. 1941.
- *F 1911. Preventing damage to buildings by subterranean termites and their control. 1942; revised 1949. **15¢. For sale only.**
- F 1950. Sewage and garbage disposal on the farm. 1944; revised 1946.
- F 1975. Farm buildings from home-grown timber in the South. 1945.
- F 1993. Decay and termite damage in houses. 1948; revised 1951.
- F 2009. Storage of small grains and shelled corn on the farm. 1949.
- *F 2010. Storage of ear corn on the farm. 1949. **10¢. For sale only.**
- F 2018. Control of nonsubterranean termites. 1950.
- F 2049. Preservative treatment of fence posts and farm timbers. 1952.
- F 2070. Fire-resistant construction on the farm. 1954.

Leaflets:

- L 56. Preventing cracks in new wood floors. 1930; revised 1952.
- L 124. Sash greenhouses. 1937; slightly revised 1946.
- L 285. 4 farmhouses for the South. 1950.
- L 287. Farmhouse plans for minimum budgets. 1950.
- L 301. Expansible farmhouses. 1951.
- L 303. Southern farmhouses. 1951.
- L 311. Farmhouses for the North. 1951.
- L 314. Inclined-column grain drier. 1951.
- L 320. Two-temperature walk-in refrigerator for the farm. 1951.
- L 324. Soil treatment and aid in termite control. 1952.
- L 356. Expansible farmhouse: Frame. 1954.
- L 357. Expansible farmhouse: Masonry. 1954.
- L 358. Powder-post beetles in buildings: What to do about them. 1954.

Agriculture Information Bulletins:

- *AB 96. Housing needs and preferences of farm families . . . A comparison of data from studies in four regions. 1952. **30¢.**
For sale only.
- AB 98. Loose housing for dairy cattle. 1953.
- AB 123. Stall barns for dairy cattle. 1954.

Circulars:

- *C 489. Selection, installation, finish, and maintenance of wood floors for dwellings. 1938. **15¢.** **For sale only.**
- *C 722. Functional requirements in designing dairy barns. 1945. **10¢.** **For sale only.**
- *C 738. Functional requirements in designing laying houses for poultry. 1945. **5¢.** **For sale only.**
- C 762. The small rural industry—A study of the possibility of making insulating board from straw. 1947.
- *C 835. Grain bin requirements. 1950. **10¢.** **For sale only.**

Home and Garden Bulletins:

- G 12. Your farmhouse . . . planning the kitchen and workroom. 1951.
- G 14. A step-saving U kitchen. 1951.
- G 18. Easy-to-build kitchen cabinets for the remodeled farmhouse. 1952.
- G 19. Your farmhouse . . . planning the bathroom. 1952.
- *G 22. Your farmhouse . . . cut-outs to help in planning. 1952. **30¢.** **For sale only.**

Marketing Research Reports:

- *MRR 23. Factors to be considered in locating, planning, and operating country elevators. 1952. **60¢.** **For sale only.**

Miscellaneous Publications:

- *M 272. Construction of private driveways. 1937. **15¢.** **For sale only.**
- *M 278. Plans of farm buildings for the Northeastern States. 1937; revised 1950. **\$1.00.** **For sale only.**
- *M 319. Plans of farm buildings for the Western States. 1939. **\$1.00.**
For sale only.
- *M 358. Use and abuse of wood in house construction. 1939. **20¢.**
For sale only.
- *M 579. Building with logs. 1945. **25¢.** **For sale only.**
- M 597. Planning your farmstead wiring and lighting. 1946.
- M 619. Your farmhouse . . . how to plan remodeling. 1947.
- *M 629. Wood properties and paint durability. 1947. **10¢.** **For sale only.**
- M 633. Your farmhouse . . . insulation and weatherproofing. 1948.
- M 658. Farmhouse plans for Northeastern States. 1948.
- M 674. Planning the electric water system and plumbing for your farmstead. 1949.
- M 689. Your farmhouse . . . heating. 1949; slightly revised 1950.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Technical Bulletins:

- *T 822. Factors affecting temperatures in southern farmhouses. 1942. **25¢. For sale only.**
- T 1002. Temperatures and related conditions in Wisconsin farmhouses. 1950.
- *T 1069. Fabrication and design of glued laminated wood structural members. 1954. **60¢. For sale only.**

WATER SUPPLY**Farmers' Bulletins:**

- F 1460. Simple plumbing repairs in the home. 1925; slightly revised 1948.
- *F 1859. Stock-water developments: Wells, springs, and ponds. 1940. **25¢. For sale only.**
- F 1950. Sewage and garbage disposal on the farm. 1944; revised 1946.
- F 1978. Safe water for the farm. 1946; slightly revised 1948.

Leaflets:

- L 259. How to build a farm pond. 1949.

Miscellaneous Publications:

- M 674. Planning the electric water system and plumbing for your farmstead. 1949.

ALASKA**Agriculture Monographs:**

- *AM 7. Exploratory study of the principal soil groups of Alaska. 1951. **\$1.00. For sale only.**

Alaska Agricultural Experiment Station Circulars:

- *AESC 7. Potato storage in Alaska's Matanuska Valley. 1948. **10¢. For sale only.**
- AESC 8. More eggs from Alaska flocks. 1948.
- *AESC 9. Insects of agricultural and household importance in Alaska with suggestions for their control. 1949. **20¢. For sale only.**

ANIMAL INDUSTRIES**LIVESTOCK—GENERAL****Care and Management****Farmers' Bulletins:**

- F 1721. Determining the age of farm animals by their teeth. 1934.
- F 1753. Livestock for small farms. 1936; slightly revised 1942.
- *F 1859. Stock-water developments: Wells, springs, and ponds. 1940. **25¢. For sale only.**

Agriculture Information Bulletins:

- AB 18. Livestock breeding research at the U. S. Range Livestock Experiment Station. 1950.

Circulars:

- C 567. Artificial insemination in livestock breeding. 1940; revised 1952.

Diseases and Insects

(See also under specific animal)

Farmers' Bulletins:

- F 666. Foot-and-mouth disease. 1915; revised 1952.
- F 980. The spinose ear tick and methods of treating infested animals. 1918; revised 1953.
- F 988. Larkspur or "poison weed." 1918; revised 1934.
- F 1054. The loco-weed disease. 1919; revised 1936.
- F 1736. Anthrax. 1934.
- F 1991. The use of disinfectants on the farm. 1947.

Leaflets:

- L 88. Poisoning of livestock by plants that produce hydrocyanic acid. 1932; slightly revised 1940.
- L 338. Stable flies: How to control them. 1953.

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Department Circulars:

- *DC 249. Tuberculin testing of livestock. 1922; revised 1936. **5¢. For sale only.**
- DC 325. Foot-and-mouth disease with special reference to the outbreak of 1914. 1924.
- DC 400. Foot-and-mouth disease with special reference to the outbreaks in California, 1924, and Texas, 1924 and 1925. 1926.

Program Aids:

- PA 167. Defense against foreign animal diseases. 1951.
- PA 172. Procedures for control and eradication of brucellosis. 1951.

Technical Bulletins:

- *T 76. Report of the foot-and-mouth disease commission of the United States Department of Agriculture. 1928. **40¢. For sale only.**

Yearbooks:

- *YB 1942. Keeping livestock healthy. **\$2.25. For sale only.**

Yearbook Separates:

- Reprint from YS 1892. Distemper of dogs. 1942.
- Reprint from YS 1892. Nonparasitic skin diseases of dogs and cats. 1942.
- Reprint from YS 1892. Rabies and its control. 1942.
- YS 2308. Carriers of animal diseases. 1952.
- YS 2309. Insects and helminths. 1952.
- YS 2327. Toxicity to livestock. 1952.
- YS 2389. Flies on livestock. 1952.
- YS 2391. Screw-worms. 1952.
- YS 2392. Cattle grubs. 1952.

Unnumbered:

- Index-catalogue of medical and veterinary zoology. Part 1. Authors: AALL to AZZOLINA. 1932.
- Index-catalogue of medical and veterinary zoology. Part 2. Authors: B to BYCHKOV. 1938.
- Index-catalogue of medical and veterinary zoology. Part 3. Authors: C to CZYGAN. 1939.
- Index-catalogue of medical and veterinary zoology. Part 4. Authors: D to DZUNKOVSKI. 1940.
- Index-catalogue of medical and veterinary zoology. Part 5. Authors: E to FYNNEY. 1941.
- Index-catalogue of medical and veterinary zoology. Part 6. Authors: G to GYSER. 1942.
- Index-catalogue of medical and veterinary zoology. Part 7. Authors: H to JUZUKI. 1946.
- Index-catalogue of medical and veterinary zoology. Part 8. Authors: K to KYZER. 1946.
- Index-catalogue of medical and veterinary zoology. Part 9. Authors: L to LYUTKEVICH. 1946.
- Index-catalogue of medical and veterinary zoology. Part 10. Authors: M to MYSH. 1948.
- Index-catalogue of medical and veterinary zoology. Part 11. Authors: N to OZZARD. 1950.
- Index-catalogue of medical and veterinary zoology. Part 12. Authors: P to QVORTRUP. 1951.
- Index-catalogue of medical and veterinary zoology. Part 13. Authors: R to RZOSKA. 1951.
- Index-catalogue of medical and veterinary zoology. Part 14. Authors: S to SHWEIG. 1951.
- Index-catalogue of medical and veterinary zoology. Part 15. Authors: Si to SZYSZKOWSKI. 1951.
- Index-catalogue of medical and veterinary zoology. Part 16. Authors: T to TSYKALAS. 1952.
- Index-catalogue of medical and veterinary zoology. Part 17. Authors: U to WYVILLE. 1952.
- Index-catalogue of medical and veterinary zoology. Part 18. Authors: X to ZYUKOV. 1952.
- Index-catalogue of medical and veterinary zoology. Supplement 1. Authors: A to B. 1953.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Feeds and Feeding

Farmers' Bulletins:

- F 578. The making and feeding of silage. 1914; revised 1941.
- F 1179. Feeding cottonseed products to livestock. 1920; revised 1945.
- F 1539. High-grade alfalfa hay: Methods of producing, baling, and loading for market. 1929; revised 1952.
- F 2052. Better feeding of livestock. 1952.

Leaflets:

- L 352. Feeding molasses to livestock. 1953.

Circulars:

- *C 836. Consumption of feed by livestock, 1909–47. 1949. **25¢. For sale only.**
- C 905. Economic use of forages in livestock production on Corn Belt Farms. 1952.

Miscellaneous Publications:

- M 676. Potatoes for livestock feed. 1948.

Statistical Bulletins:

- *SB 85. Feed statistics, including wheat, rye, rice. 1949. **40¢. For sale only.**
- *SB 95. Feed statistics, including wheat, rye, rice. 1950. **30¢. For sale only.**
- *SB 111. Feed statistics, including wheat, rye, rice. 1952. **30¢. For sale only.**
- SB 121. Feed statistics, including wheat, rye, rice. 1953.
- SB 139. Feed statistics, including wheat, rye, rice. 1954.
- SB 145. Feed consumed by livestock, supply and disposition of feeds, 1949–50 by States. 1954.

Technical Bulletins:

- T 611. Methods of making silage from grasses and legumes. 1938.
- T 1053. Feeding qualities for livestock of distiller's corn byproducts from fungal amylase-converted mashes, compared with those from malt amylase-converted mashes. 1952.

Yearbook Separates:

- YS 2002. Forage for livestock. Plus and minus: An over-all view. 1948.
- YS 2003. Soils, crops, minerals, animals. 1948.
- YS 2211. Concentrates and meals of alfalfa. 1951.
- YS 2285. Byproducts as feed for livestock. 1951.

Pasture and Range Management

Farmers' Bulletins:

- F 1782. Indicators of southwestern range conditions. 1937; slightly revised 1947.
- *F 1859. Stock-water developments: Wells, springs, and ponds. 1940. **25¢. For sale only.**
- F 1924. Reseeding to increase the yield of Montana range lands. 1943; revised 1952.
- F 1948. Sagebrush burning . . . good and bad. 1944.
- F 1949. Judging condition and utilization of short-grass ranges on the central Great Plains. 1944.
- F 2056. Reseeding southwestern range lands with crested wheatgrass. 1953.

Leaflets:

- L 180. How to keep and increase black grama on southwestern ranges. 1939; slightly revised 1948.
- L 215. How to graze blue grama on southwestern ranges. 1942.
- L 239. Moderate grazing pays on California annual-type ranges. 1944; slightly revised 1946.
- L 313. Russian wild-rye. 1951.
- L 346. Grass . . . the rancher's crop. 1954.

Circulars:

- *C 865. Managing northern Great Plains cattle ranges to minimize effects of drought. 1951. 10¢. For sale only.
- *C 870. Efficient use of annual plants on cattle ranges in the California foothills. 1951. 20¢. For sale only.
- C 884. The Dalles pocket gopher and its influence on forage production of Oregon mountain meadows. 1951.
- *C 908. The mesquite problem on southern Arizona ranges. 1952. 25¢. For sale only.
- C 909. Federal and state rural lands, 1950, with special reference to grazing. 1952.
- *C 918. Forage utilization by cattle on northern Great Plains ranges. 1953. 10¢. For sale only.
- C 925. Increasing forage yields and sheep production on Intermountain winter ranges. 1953.
- *C 928. Grazing longleaf-slash pine forests. 1953. 15¢. For sale only.
- *C 929. Effect of grazing intensity upon vegetation and cattle gains on ponderosa pine-bunchgrass ranges of the front range of Colorado. 1953. 15¢. For sale only.

Program Aids:

- PA 205. Improved management of irrigated pastures pays dividends. 1952.

Technical Bulletins:

- *T 381. Feeding value for milk production of pasture grasses when grazed, when fed green and when fed as hay or silage. 1933. 15¢. For sale only.
- *T 409. The influence of precipitation and grazing upon black grama grass range. 1934. 5¢. For sale only.
- T 660. The Hohenheim system in the management of permanent pastures for dairy cattle. 1938.
- *T 856. Effects of phosphorus supplements on cattle grazing on range deficient in this mineral. 1944. 15¢. For sale only.
- *T 1075. Ecological effects of planned burning of sagebrush-grass range on the Upper Snake River Plains. 1953. 15¢. For sale only.

Yearbook Separates:

- YS 2006. Sheep, goats, and grasslands. 1948.
- YS 2010. Pastures on the dairy farm. 1948.
- YS 2014. Ensiling hay and pasture crops. 1948.
- YS 2017. How range forage grows. 1948.
- YS 2018. The major range types. 1948.
- YS 2019. Grazing on range lands. 1948.
- YS 2021. Management that restores the range. 1948.
- YS 2022. Restoring the range by reseeding. 1948.
- YS 2026. Wildlife, a resource of the range. 1948.
- *YS 2040. Wanted: A paragon for the range. 1948. 5¢. For sale only.
- YS 2065. Grazing on forested lands. 1948.
- YS 2067. Where elbowroom is ample. 1948.
- YS 2070. For a better range management. 1948.
- YS 2074. The region and its needs. 1948.
- YS 2075. Dry-land pastures on the Plains. 1948.
- YS 2076. Range management. 1948.
- YS 2078. Grass and water keep the keys. 1948.
- YS 2079. Pastures and natural meadows. 1948.
- YS 2081. The foundation of the range. 1948.
- YS 2082. Range practices and problems. 1948.
- YS 2083. Grass as a savings account. 1948.
- YS 2084. Improvement through reseeding. 1948.
- YS 2085. Conservation problems and practices. 1948.
- YS 2086. The range in California. 1948.
- YS 2088. Trees, grass, and water. 1948.
- YS 2095. The family tree of *Gramineae*. 1948.
- YS 2106. The Mountain Region: Recommendations for seeding and other data. 1948.
- YS 2107. Lists of plant names. 1948.

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Unnumbered:

Grazing on the national forests. (Excerpts from report of the Chief of the Forest Service, 1953.)

Products and Marketing**Farmers' Bulletins:**

- *F 1055. Country hides and skins, skinning, curing, and marketing. 1919; slightly revised 1942. **20¢. For sale only.**
- F 1334. Home tanning of leather and small fur skins. 1923; revised 1954.

Leaflets:

- L 38. Maintaining the health of livestock in transit. 1929; revised 1953.

Agriculture Information Bulletins:

- AB 14. Shifts in the trade in western slaughter livestock. 1950.
- *AB 92. The inspection stamp as a guide to wholesome meat. 1952. **10¢. For sale only.**

Bibliographical Bulletins:

- B 15. Bibliography on the marketing of livestock, meat, and meat products. 1951.

Circulars:

- *C 802. Animal fibers used in brushes. 1949. **10¢. For sale only.**

Home and Garden Bulletins:

- G 15. Freezing meat and poultry products for home use. 1951.

Marketing Research Reports:

- MRR 59. Technological progress in the meatpacking industry, 1919-47. 1954.

Statistical Bulletins:

- *SB 88. Livestock on farms and ranches on January 1, number, value, and classes, 1920-39, by States. 1950. **45¢. For sale only.**
- SB 91. Livestock market news statistics and related data, 1949. 1950.
- *SB 118. Livestock market news statistics and related data, 1951. 1952. **35¢. For sale only.**
- SB 127. Livestock market news statistics and related data, 1952. 1953.
- SB 143. Livestock market news statistics and related data, 1953. 1954.

Technical Bulletins:

- *T 961. Marketing and manufacturing margins for hides and skins, leather, and leather products. 1948. **20¢. For sale only.**

Yearbook Separates:

- YS 2265. Advice on hides and skins. 1951.
- YS 2266. Leather made to fit your needs. 1951.

CATTLE**BEEF CATTLE****Care and Management****Farmers' Bulletins:**

- *F 1068. Judging beef cattle. 1919; revised 1941. **5¢. For sale only.**
- F 1135. The beef calf: Its growth and development. 1920; revised 1950.
- F 1584. Feed-lot and ranch equipment for beef cattle. 1929; revised 1940.
- F 1592. Beef production on the farm. 1929; slightly revised 1950.
- F 1600. Dehorning, castrating, branding and marking beef cattle. 1929; slightly revised 1940.
- F 1779. Beef-cattle breeds for beef and for beef and milk. 1937; revised 1954.
- F 1916. Beef cattle for breeding purposes. 1942.

Bibliographical Bulletins:

- B 19. Tropical beef cattle industry in the Western Hemisphere. 1952.

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Circulars:

*C 810. Crossbred beef cattle for the northern Great Plains. 1949.
5¢. For sale only.
 C 844. Crossbred types of beef cattle for the Gulf Coast Region. 1950.

Diseases and Insects

(See page 18)

Feeds and Feeding**Farmers' Bulletins:**

F 1549. Feeding cattle for beef. 1928; slightly revised 1940.

Circulars:

*C 796. Forage utilization on summer cattle ranges in eastern Oregon. 1948. **10¢. For sale only.**
 *C 918. Forage utilization by cattle on northern Great Plains ranges. 1953. **10¢. For sale only.**

Technical Bulletins:

T 717. Beef production and quality as affected by method of feeding supplements to steers on grass in the Appalachian Region. 1940.
 *T 831. Velvetbeans, cottonseed meal, and peanut meal as protein feeds for fattening steers in the Coastal Plain area. 1942. **5¢. For sale only.**
 *T 856. Effects of phosphorus supplements on cattle grazing on range deficient in this mineral. 1944. **15¢. For sale only.**
 T 900. Relation of feed consumed to food products produced by fattening cattle. 1945.
 *T 945. Relation between urinary calculi and use of grain sorghum in steer-fattening rations in the southern Great Plains. 1947. **5¢. For sale only.**
 *T 1071. Energy requirements of beef calves for maintenance and growth. 1953. **10¢. For sale only.**

Yearbook Separates:

YS 2008. Grass for the production of beef. 1948.

Products and Marketing**Farmers' Bulletins:**

F 1415. Beef on the farm: Slaughtering, cutting, and curing. 1924.

Leaflets:

L 310. U. S. grades of beef. 1951.

Agricultural Information Series:

IS 66. Early marketing of range cattle pays! 1947.

Agriculture Information Bulletins:

*AB 84. Beef . . . facts for consumer education. 1952. **15¢. For sale only.**

Circulars:

C 866. The lymph glands of cattle, hogs, and sheep. 1951.

Charts:

Wholesale and retail cuts of beef. 16 by 24 inches. Colored. 1926; revised 1948.

Posters:

United States grades for slaughter steers. 21 by 38 inches. Black and white. 1948.

DAIRY CATTLE**Care and Management****Farmers' Bulletins:**

F 1412. Care and management of dairy bulls. 1924; revised 1938.
 F 1443. Dairy cattle breeds. 1925; revised 1954.
 F 1470. Care and management of dairy cows. 1926; revised 1947.
 *F 1610. Dairy farming for beginners. 1929; slightly revised 1936. **5¢. For sale only.**

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Farmers' Bulletins—Continued

- F 1723. Feeding, care, and management of young dairy stock. 1934; slightly revised 1952.
- F 1769. Dairy cattle judging. 1937; revised 1945.
- F 1974. The dairy-herd-improvement association program. 1945; revised 1953.
- F 1998. Selecting dairy cattle on the basis of type and production records. 1948.

Agriculture Handbooks:

- *AH 7. List of sires proved in Dairy-Herd-Improvement Associations, 1950. **60¢. For sale only.**
- *AH 21. List of sires proved in Dairy-Herd-Improvement Associations, 1951. **50¢. For sale only.**

Agriculture Information Bulletins:

- AB 98. Loose housing for dairy cattle. 1953.
- AB 123. Stall barns for dairy cattle. 1954.

Circulars:

- *C 180. The production of dairy cows as affected by frequency and regularity of milking and feeding. 1931. **5¢. For sale only.**
- *C 722. Functional requirements in designing dairy barns. 1945. **10¢. For sale only.**
- *C 763. Relative milk production of cows in pen barns and stanchion barns. 1947. **5¢. For sale only.**
- C 786. Improvement of pastures for dairy cattle in middle Tennessee. 1948.
- C 822. Experiments in rearing calves without whole milk and with limited amounts of skim milk. 1949.

Miscellaneous Publications:

- *M 613. List of sires proved in Dairy-Herd Improvement Associations, 1946. **25¢. For sale only.**
- *M 686. List of sires proved in Dairy-Herd-Improvement Associations, 1949. **75¢. For sale only.**

Program Aids:

- PA 250. Cull the cow that culls your profits. 1954.

Technical Bulletins:

- T 677. Experiments in breeding Holstein-Friesian cattle for milk- and butterfat-producing ability, and an analysis of the foundation cows and of the first outbred generation. 1939.
- T 827. Milk yields and milking rates of the individual quarters of the dairy cow udder. 1941.
- T 927. Results of inbreeding grade Holstein-Friesian cattle. 1946.
- *T 982. Some studies of the circulatory system of the cow's udder. 1949. **15¢. For sale only.**
- *T 989. Weight and capacity of the dairy cow udder in relation to producing ability, age, and stage of lactation. 1949. **15¢. For sale only.**
- *T 990. Effect of inbreeding on body size, anatomy, and producing capacity of grade Holstein cows. 1949. **15¢. For sale only.**
- *T 993. Weights and capacities of udders from dairy heifers of different ages. 1949. **5¢. For sale only.**
- *T 1074. A crossbreeding experiment with dairy cattle. 1954. **45¢. For sale only.**

Yearbook Separates:

- YS 1909. The inside of a dairy cow. 1947.
- YS 1910. A cow a calf will be. 1947.

Diseases and Insects

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Feeds and Feeding

Farmers' Bulletins:

F 1626. Feeding dairy cows. 1930; revised 1940.
 F 1723. Feeding, care, and management of young dairy stock. 1934; slightly revised 1952.

Circulars:

*C 180. The production of dairy cows as affected by frequency and regularity of milking and feeding. 1931. 5¢. For sale only.
 C 560. Rate of growth by dairy calves and heifers on different rations. 1940.
 C 811. Milk-production value of a concentrate mixture composed entirely of southern agricultural byproducts. 1949.
 C 822. Experiments in rearing calves without whole milk and with limited amounts of skim milk. 1949.
 *C 830. Once-a-day versus twice-a-day feeding for dairy cows. 1949. 5¢. For sale only.

Technical Bulletins:

*T 381. Feeding value for milk production of pasture grasses when grazed, when fed green and when fed as hay or silage. 1933. 15¢. For sale only.
 *T 610. Feeding dairy cows on alfalfa hay alone. 1938. 15¢. For sale only.
 T 611. Methods of making silage from grasses and legumes. 1938.
 T 649. Relative values for milk production of hay and silage made from immature pasture herbage. 1938.
 T 660. The Hohenheim system in the management of permanent pastures for dairy cattle. 1938.
 T 724. Milk and butterfat production by dairy cows on four different planes of feeding. 1940.
 T 1057. Corn silage as the sole roughage for dairy cattle. 1952.
 *T 1079. Experiments in harvesting and preserving alfalfa for dairy cattle feed. 1954. 45¢. For sale only.
 *T 1092. Calcium requirements of dairy cattle. 1954. 15¢. For sale only.

Yearbook Separates:

*YS 1904. More vitamin A in milk. 1947. 5¢. For sale only.
 YS 1906. Advances in feeding calves. 1947.
 YS 2009. Dairy cattle must have good forage. 1948.

Products and Marketing

Farmers' Bulletins:

F 1675. Care of milk utensils on the farm. 1931.
 *F 1734. Making American cheese on the farm for home consumption. 1934. 10¢. For sale only.
 F 1818. Mechanical milk cooling on the farm. 1938; slightly revised 1946.
 F 1979. Making and storing farm butter for home use. 1946.
 F 2017. Clean milk production. 1950.

Leaflets:

L 177. The pasteurization of milk. 1939; slightly revised 1949.
 L 213. Sour cream: How to prepare and use it at home. 1941.
 L 264. Know your butter grades. 1949.

Agriculture Handbooks:

AH 51. Federal and State standards for the composition of milk products. 1953.
 AH 54. Cheese varieties and descriptions. 1953.

Agriculture Information Bulletins:

AB 68. Federal regulation of milk marketing in the Duluth-Superior area. 1951.
 *AB 125. Milk and its products . . . facts for consumer education. 1954. 25¢. For sale only.

Agriculture Monographs:

AM 12. Federal milk marketing orders and dairy programs in World War II. 1951.

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Circulars:

- C 155. The ice well for the dairy farm. 1931; revised 1938.
- C 260. Operation and management of milk plants. 1933; revised 1947.
- C 469. Milk-bottle losses and ways to reduce them. 1938.
- C 522. A soft cheese of the Bel Paese type. 1939.
- C 799. Flexibility of operation in dairy manufacturing plants. 1948.
- C 800. Construction and arrangement of milk plants. 1949.
- *C 851. General procedure for manufacturing Swiss cheese. 1950. **10¢. For sale only.**
- C 880. Making American cheddar cheese of uniformly good quality from pasteurized milk. 1951.

Marketing Research Reports:

- MRR 32. Margins on fluid milk in the Duluth-Superior marketing area, 1947-48. 1953.
- MRR 39. Milk products: Consumer purchase patterns and use, Memphis, Tenn. 1953.
- *MRR 43. The marketing of milk in the Louisville area under Federal regulation. 1953. **\$1.25. For sale only.**
- *MRR 63. Seasonality of milk production under the Louisville Fall Premium Plan. 1954. **30¢. For sale only.**
- *MRR 64. Meeting dairy market sanitation requirements economically: A preliminary report. 1954. **15¢. For sale only.**
- *MRR 65. Estimating the solids-not-fat content of milk. 1954. **10¢. For sale only.**
- *MRR 66. Sampling routines and the accuracy of patrons' butterfat tests. 1954. **25¢. For sale only.**
- *MRR 72. Nonfarm consumption of fluid milk and cream—A revised series of statistics. 1954. **35¢. For sale only.**

Miscellaneous Publications:

- M 119. The manufacture of low-acid rennet-type cottage cheese. 1931; revised 1948.
- M 161. Testing milk and cream. 1933; revised 1949.

Statistical Bulletins:

- *SB 93. Production of manufactured dairy products, 1949. 1950. **25¢. For sale only.**
- *SB 100. Dairy statistics and related series. 1951. **50¢. For sale only.**
- SB 102. Dairy and poultry market statistics, 1950. 1951.
- *SB 105. Production of manufactured dairy products, 1950. 1951. **30¢. For sale only.**
- *SB 116. Dairy and poultry market statistics, 1951. 1952. **50¢. For sale only.**
- *SB 120. Production of manufactured dairy products, 1951. 1952. **25¢. For sale only.**
- *SB 134. Dairy statistics and related series, 1953. 1953. **50¢. For sale only.**
- *SB 135. Dairy and poultry market statistics, 1952. 1953. **60¢. For sale only.**
- *SB 136. Production of manufactured dairy products, 1952. 1953. **25¢. For sale only.**

Technical Bulletins:

- T 438. The effect of homogenization on certain characteristics of milk. 1934.
- T 756. The corrosive effect of chlorine and lye solutions on metals used in dairy equipment. 1941.
- T 789. Supply responses in milk production in southeastern Minnesota. 1941.
- T 832. Effect of homogenization on the curd tension, digestibility, and keeping quality of milk. 1942.

Yearbook Separates:

- YS 1687. Supervision and inspection of milk. 1939.
- YS 2262. Use of milk in manufactured foods. 1951.
- YS 2263. Cheese, butter, ice cream, sherbet. 1951.
- YS 2264. Concentrated and dried milk. 1951.

DISEASES AND INSECTS: CATTLE

Farmers' Bulletins:

F 666. Foot-and-mouth disease. 1915; revised 1952.
 F 909. Cattle lice and how to eradicate them. 1918; revised 1953.
 F 1017. Cattle scab and methods of control and eradication. 1918; revised 1953.
 F 1018. Hemorrhagic septicemia, "shipping fever" of cattle. 1918; revised 1953.
 F 1355. Blackleg: Its nature, cause, and prevention. 1923; slightly revised 1942.
 F 1422. Udder diseases of dairy cows. 1924; revised 1953.
 F 1596. Cattle grubs or heel flies, with suggestions for their control. 1929; revised 1949.
 F 1625. Tick fever. 1930; slightly revised 1949.
 F 1736. Anthrax. 1934.
 F 1991. The use of disinfectants on the farm. 1947.

Leaflets:

L 75. Warts on cattle. 1931; slightly revised 1946.
 L 283. Fly control on dairy cattle and in dairy barns. 1950.
 L 291. Horn fly control on beef cattle. 1950.
 L 319. Control of lice on cattle. 1951.
 L 355. Hyperkeratosis (X-disease) of cattle. 1954.

Circulars:

*C 873. Johne's disease (paratuberculosis) of cattle. 1951. **10¢. For sale only.**

Department Circulars:

DC 325. Foot-and-mouth disease with special reference to the outbreak of 1914. 1924.
 DC 400. Foot-and-mouth disease with special reference to the outbreaks in California, 1924, and Texas, 1924 and 1925. 1926.

Technical Bulletins:

*T 76. Report of the foot-and-mouth-disease commission of the United States Department of Agriculture. 1928. **40¢. For sale only.**
 *T 945. Relation between urinary calculi and use of grain sorghum in steer-fattening rations in the southern Great Plains. 1947. **5¢. For sale only.**
 T 946. Results of treating bovine mastitis with sulfonamides containing urea. 1947.
 T 1027. Effectiveness of penicillin in eliminating mastitis infections in the Bureau of Dairy Industry herd. 1950.

Yearbook Separates:

Reprint from YS 1888. Cattle injuries caused by ingesting foreign objects. 1942.
 Reprint from YS 1888. Miscellaneous diseases of cattle. 1942.
 Reprint from YS 1888. Paint poisoning in cattle. 1942.

Unnumbered:

*Special report on diseases of cattle. Revised edition 1942. **\$2.75. For sale only.**

FUR AND LABORATORY ANIMALS

Farmers' Bulletins:

F 1334. Home tanning of leather and small fur skins. 1923; revised 1954.
 F 2050. Diseases and parasites of minks. 1952.

Leaflets:

L 250. Hamster raising. 1948.
 L 252. The guinea pig. 1949.
 L 253. Raising laboratory mice and rats. 1949.
 L 266. Chinchilla raising. 1950.
 L 267. Fur farming possibilities. 1950.

Circulars:

C 801. Mink raising. 1948; slightly revised 1954.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Lists:

Lt 9. Publications on fur farming, rabbits, and laboratory animals. 1953.

Rabbits**Farmers' Bulletins:**

F 1730. Rabbit production. 1934; revised 1950.

Leaflets:

L 245. Palpating domestic rabbits to determine pregnancy. 1946.

Circulars:

- *C 785.** Angora rabbit wool production. 1948. **10¢. For sale only.**
- C 789.** Effect of various factors on grades of New Zealand white rabbit skins. 1948.
- *C 819.** Feed required to produce 6-pound rabbits after weaning and conditions affecting their carcass grades and cuts. 1949. **10¢. For sale only.**
- C 883.** Mortality among hutch-raised domestic rabbits. 1951.
- C 901.** Effects of certain methods of feeding and managing rabbits in commercial fryer production. 1952.

Technical Bulletins:

T 1086. Effects of phosphate on the nutritive value of soybean forage for sheep and rabbits. 1954.

Lists:

Lt 9. Publications on fur farming, rabbits, and laboratory animals. 1953.

HORSES AND MULES**Care and Management****Farmers' Bulletins:**

- F 619.** Breeds of draft horses. 1914; slightly revised 1954.
- F 779.** How to select a sound horse. 1917; slightly revised 1949.
- F 803.** Horse-breeding suggestions for farmers. 1917; revised 1941.
- F 952.** Breeds of light horses. 1918; revised 1941.
- F 1341.** Mule production. 1923; slightly revised 1948.
- F 1368.** Breaking and training colts. 1923.
- F 1419.** Care and management of farm work horses. 1924; slightly revised 1940.
- F 1535.** Farm horseshoeing. 1927.

Charts:

***Group No. 2. Horses. 1939. 10¢. a set. Sold in sets only. For sale only.**
 2.1 Draft breeds of horses.
 2.2 Light breeds of horses.

Diseases and Insects**Farmers' Bulletins:**

- F 1146.** Dourine of horses. 1920; slightly revised 1935.
- F 1503.** The horse bots and their control. 1926; slightly revised 1941.
- F 1819.** Infectious anemia (swamp fever). 1938.

Circulars:

C 148. Parasites and parasitic diseases of horses. 1930; revised 1948.

Yearbook Separates:

- Reprint from YS 1887. Dourine. 1942.
- Reprint from YS 1887. Equine encephalomyelitis. 1942.
- Reprint from YS 1887. Glanders. 1942.
- Reprint from YS 1887. Miscellaneous diseases of equines. 1942.
- Reprint from YS 1887. Periodic ophthalmia of horses. 1942.

Unnumbered:

***Special report on diseases of the horse. Revised edition 1942. \$3.00. For sale only.**

Feeds and Feeding**Farmers' Bulletins:**

F 1030. Feeding horses. 1919; revised 1945.

Yearbook Separates:

YS 2004. Grassland crops as feed for horses. 1948.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

POULTRY AND EGGS

Care and Management

Farmers' Bulletins:

- F 684. Squab raising. 1915; revised 1946.
- F 697. Duck raising. 1915; slightly revised 1952.
- F 767. Goose raising. 1917; revised 1951.
- F 849. Capons and caponizing. 1917; revised 1954.
- F 1391. The guinea fowl. 1924; revised 1953.
- F 1409. Turkey raising. 1924; slightly revised 1952.
- F 1508. Poultry keeping in backyards. 1926; revised 1954.
- F 1524. Farm poultry raising. 1927; revised 1948.
- F 1538. Incubation and brooding of chickens. 1928; revised 1953.
- F 1554. Poultry houses and fixtures. 1928; revised 1934.
- F 1614. Business records for poultry keepers. 1929; slightly revised 1946.
- F 1727. Selecting hens for egg production. 1934.
- F 2066. Ornamental and game breeds of chickens. 1954.

Leaflets:

- L 233. Selecting breeding stock for broiler production. 1943.

Circulars:

- *C 446. Poultry management in subtropical semiarid climates. 1937. 10¢. For sale only.
- *C 738. Functional requirements in designing laying houses for poultry. 1945. 5¢. For sale only.

Marketing Research Reports:

- MRR 22. Poultry farm practices and egg quality. 1952.

Miscellaneous Publications:

- M 300. The National Poultry Improvement Plan. 1938; revised 1952.
- M 317. Improving poultry through the National Poultry Improvement Plan. 1938; revised 1949.
- M 555. The National Turkey Improvement Plan. 1944; revised 1952.

Diseases and Insects

Farmers' Bulletins:

- F 1652. Diseases and parasites of poultry. 1931; revised 1953.

Leaflets:

- *L 102. Eradicating tuberculosis from poultry and swine. 1933. 5¢. For sale only.
- L 207. Controlling gapeworms in poultry. 1941.
- L 366. Poultry lice: How to control them. 1954.

Circulars:

- C 755. Fowl typhoid. 1946.

Feeds and Feeding

Circulars:

- C 788. Nutritive requirements and feed formulas for chickens. 1948; slightly revised 1951.

Products and Marketing

Farmers' Bulletins:

- F 1378. Marketing eggs. 1924; revised 1954.
- F 1815. Grading dressed turkeys. 1938; revised 1949.
- F 2030. Marketing farm poultry. 1951.

Leaflets:

- L 327. Seven ways to greater egg profit. 1952.

Agriculture Handbooks:

- *AH 25. Recommended specifications for standard packs, containers and packaging materials for poultry and poultry products. 1951. 40¢. For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Agriculture Information Bulletins:

- *AB 5. Farm-to-retail margins for marketing western turkeys. 1949. **10¢. For sale only.**
- *AB 46. Sales of eggs by farmers in the North Central region. 1951. **25¢. For sale only.**
- AB 69. Egg marketing channels and methods used by Northeastern producers. 1951.
- *AB 110. Some highlights from consumer egg studies. 1953. **10¢. For sale only.**

Circulars:

- C 897. Pasteurization of liquid whole egg under commercial conditions to eliminate *Salmonella*. 1951.
- C 898. Thermostabilization of shell eggs: Quality retention in storage. 1952.
- *C 902. Consumer acceptance of thermostabilized, oil-processed, and natural shell eggs (A pilot study.) 1952. **5¢. For sale only.**
- *C 911. A study of the washing and storage of dirty shell eggs. 1952. **10¢. For sale only.**
- C 930. Studies on sanitizing methods for use in poultry processing. 1954.

Home and Garden Bulletins:

- G 15. Freezing meat and poultry products for home use. 1951.
- G 34. Poultry buying guides for consumers. 1953.

Marketing Research Reports:

- *MRR 47. Candling, sizing, packing, and materials-handling equipment and methods used in egg assembly plants. 1953. **40¢. For sale only.**

Program Aids:

- PA 202. How to measure egg I. Q. (interior quality.) 1952.

Statistical Bulletins:

- SB 87. Dairy and poultry market statistics, 1949. 1950.
- SB 102. Dairy and poultry market statistics, 1950. 1951.
- *SB 116. Dairy and poultry market statistics, 1951. 1952. **50¢. For sale only.**
- *SB 125. Chickens and eggs, monthly egg production, young chickens and layers on farms, and rate of lay, by states and geographic divisions, 1925-44, revised estimates. 1953. **55¢. For sale only.**
- *SB 133. Farm production, disposition, and income from chickens and eggs, 1909-44, by states and geographic divisions, revised estimates. 1953. **45¢. For sale only.**
- *SB 135. Dairy and poultry market statistics, 1952. 1953. **60¢. For sale only.**

Technical Bulletins:

- T 1031. Interregional competition in the production of chickens and eggs. 1951.
- T 1066. A survey of egg quality at two egg-laying tests. 1953.

Yearbook Separates:

- YS 2258. Quality in processed poultry. 1951.
- YS 2260. The problem of bacteria in eggs. 1951.
- YS 2274. Eggs in the fight against disease. 1951.
- YS 2287. Utilization of poultry wastes. 1951.

Posters:

- Know the eggs you buy. 11½ by 17½ inches. Colored. 1948.
- Know the eggs you buy. Folder, opens to size 11¾ by 17½ inches. Colored. 1948. (PA 70.)
- Know the poultry you buy. 30 by 45 inches. Colored. 1952.
- Know the poultry you buy. Folder, opens to size 11¾ by 16¾ inches. Colored. 1952. (PA 170.)
- United States standards for quality of individual shell eggs. 9 by 12 inches. Colored. 1941; revised 1948.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

SHEEP AND GOATS

Care and Management

Farmers' Bulletins:

- F 576. Breeds of sheep for the farm. 1914; slightly revised 1940.
- F 810. Equipment for farm sheep raising. 1917; slightly revised 1940.
- F 920. Milk goats. 1918; slightly revised 1946.
- F 1134. Castrating and docking lambs. 1920; revised 1943.
- F 1199. Judging sheep. 1921; revised 1952.
- F 1203. The Angora goat. 1921; slightly revised 1946.
- F 1632. Karakul sheep. 1930; revised 1938.
- F 1710. Range sheep production. 1933; slightly revised 1940.
- F 2039. Electric brooding saves pigs, saves lambs, saves feed. 1952.
- F 2058. Sheep raising on the farm. 1953.

Agriculture Information Bulletins:

- AB 85. Commercial family operated sheep ranches, Intermountain region, 1930-50, organization, costs, and returns. 1952.

Circulars:

- C 925. Increasing forage yields and sheep production on Intermountain winter ranges. 1953.
- C 933. Inducing extraseasonal breeding in goats and sheep by controlled lighting. 1953.

Yearbook Separates:

- *YS 1398. Sheep raising in U. S. has changed greatly since pioneer period. 1933. 5¢. For sale only.

Charts:

- *Group No. 4. Sheep, goats, wool, and mohair. 1939. 15¢ a set. Sold in sets only. For sale only.
- 4.1 Breeds of sheep.
- 4.2 Wool production.
- 4.3 Some grades of wool.

Diseases and Insects

Farmers' Bulletins:

- F 713. Sheep scab. 1916; revised 1952.
- F 1943. Diseases of sheep and goats. 1943.
- F 2057. The sheep tick and its eradication. 1953.

Leaflets:

- *L 13. Sheep and goat lice and methods of control and eradication. 1928; slightly revised 1946. 5¢. For sale only.
- L 228. Nodular worm disease of sheep. 1942; slightly revised 1943.
- L 308. Control of lice and sheep ticks on sheep and goats. 1951.

Feeds and Feeding

Circulars:

- *C 804. Stocking northern Great Plains sheep range for sustained high production. 1949. 15¢. For sale only.
- *C 808. Grazing spring-fall sheep ranges of southern Idaho. 1949. 15¢. For sale only.

Technical Bulletins:

- T 1086. Effects of phosphate fertilization on the nutritive value of soybean forage for sheep and rabbits. 1954.

Products and Marketing

Farmers' Bulletins:

- *F 1805. Grading wool. 1938; slightly revised 1945. 10¢. For sale only.
- F 1807. Lamb and mutton on the farm. 1938; revised 1953.

Leaflets:

- L 92. Preparing wool for market. 1933; slightly revised 1951.

Agriculture Information Bulletins:

- *AB 118. Prices of wool at Boston with a comparison of prices of domestic and imported wools. 1954. 20¢. For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Circulars:

C 866. The lymph glands of cattle, hogs, and sheep. 1951.

Technical Bulletins:

T 800. The effect of pasteurization on some constituents and properties of goat's milk. 1941; revised 1949.
 *T 1041. Prices of apparel wool. 1951. **20¢. For sale only.**
 *T 1078. Economics of preparing wool for market and manufacture. 1953. **30¢. For sale only.**

Yearbook Separates:

YS 2234. The future for domestic wool. 1951.
 YS 2286. Some goods from wool grease. 1951.

Charts:

*Group No. 4. Sheep, goats, wool, and mohair. 1939. **15¢ a set. Sold in sets only. For sale only.**

4.1 Breeds of sheep.

4.2 Wool production.

4.3 Some grades of wool.

Wholesale and retail cuts of lamb. 16 to 24 inches. Colored. 1926; revised 1948.

SWINE**Care and Management****Farmers' Bulletins:**

F 1263. Breeds of swine. 1922; revised 1946.
 F 1357. Castration of hogs. 1923; slightly revised 1930.
 F 1437. Swine production. 1925; revised 1952.
 *F 1455. Fitting, showing, and judging hogs. 1925; slightly revised 1940. **10¢. For sale only.**
 *F 1487. Practical hog houses. 1926; slightly revised 1937. **5¢. For sale only.**
 F 1490. Hog-lot equipment. 1926; slightly revised 1940.
 F 2039. Electric brooding saves pigs, saves lambs, saves feed. 1952.

Circulars:

*C 893. Performance of crosses between six inbred lines of swine. 1951. **5¢. For sale only.**
 C 916. Results of swine breeding research. 1953.

Diseases and Insects**Farmers' Bulletins:**

F 834. Hog cholera. 1917; revised 1953.
 F 1085. Hog lice and hog mange: Methods of control and eradication. 1920; revised 1952.
 F 1787. Internal parasites of swine. 1937; revised 1952.
 F 1914. Diseases of swine. 1942; revised 1952.

Leaflets:

L 5. The prevention of roundworms in pigs. 1927; revised 1953.
 L 34. Trichinosis: A disease caused by eating raw pork. 1929; slightly revised 1946.
 *L 102. Eradicating tuberculosis from poultry and swine. 1933. **5¢. For sale only.**
 L 108. Controlling kidney worms in swine in the Southern States. 1934; slightly revised 1939.
 L 118. Controlling lungworms of swine. 1936; slightly revised 1952.
 L 316. Control of hog lice. 1951.

Circulars:

*C 734. Outbreak of vesicular stomatitis in swine and the differential diagnosis from vesicular exanthema and foot-and-mouth disease. 1945. **5¢. For sale only.**
 *C 781. Brucellosis of swine. 1948. **5¢. For sale only.**
 *C 807. Experiments on the combined use of crystal-violet vaccine and anti-hog-cholera serum in the prevention of hog cholera. 1949. **5¢. For sale only.**

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Feeds and Feeding

Farmers' Bulletins:

F 1504. Self-feeding versus hand-feeding sows and litters. 1926; slightly revised 1946.

Products and Marketing

Farmers' Bulletins:

F 1186. Pork on the farm: Killing, curing, and canning. 1921; slightly revised 1949.

Leaflets:

L 273. Curing pork country style. 1944; revised 1953.

Agriculture Information Bulletins:

AB 53. Lard marketing as affected by commercial processing methods. 1951.
 *AB 109. Pork . . . facts for consumer education. 1954. **15¢. For sale only.**

Circulars:

C 866. The lymph glands of cattle, hogs, and sheep. 1951.
 C 894. A survey of farm meat-curing methods. 1951.

DEPARTMENT OF AGRICULTURE

GENERAL

Leaflets:

L 330. Commodity Exchange Act and Commodity Exchange Authority. 1953.

Administrative Series:

*AS 1. Easier typing. 1943. **10¢. For sale only.**

Agriculture Handbooks:

AH 14. Motion pictures of the United States Department of Agriculture, 1954. 1954.
 *AH 15. Workers in subjects pertaining to agriculture in land-grant colleges and experiment stations, 1950-51. 1951. **45¢. For sale only.**
 AH 17. Slidefilms of the United States Department of Agriculture. 1953.
 AH 23. Employee handbook. 1951; revised 1953.
 *AH 35. Workers in subjects pertaining to agriculture in land-grant colleges and experiment stations, 1951-52. 1951. **50¢. For sale only.**
 AH 43. The Agricultural Research Center of the United States Department of Agriculture. 1952.
 AH 45. Career service opportunities in the United States Department of Agriculture. 1952.
 *AH 47. Directory of activities of the Bureau of Plant Industry, Soils, and Agricultural Engineering, 1952. 1952. **40¢. For sale only.**
 *AH 50. Workers in subjects pertaining to agriculture in land-grant colleges and experiment stations, 1952-53. 1953. **55¢. For sale only.**
 *AH 63. Workers in subjects pertaining to agriculture in land-grant colleges and experiment stations, 1953-54. 1953. **60¢. For sale only.**
 *AH 76. Directory of organization and field activities of the Department of Agriculture: 1955. 1954. **55¢. For sale only.**

Agriculture Information Bulletins:

*AB 13. Price programs of the United States Department of Agriculture, 1950; revised 1953. **25¢. For sale only.**
 *AB 23. The Central Project Office in the Agricultural Research Administration. 1950. **10¢. For sale only.**
 *AB 75. Career opportunities for graduate veterinarians in the Bureau of Animal Industry. 1952. **10¢. For sale only.**
 *AB 76. Careers in soil conservation. 1952. **10¢. For sale only.**

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Agriculture Information Bulletins—Continued

- AB 91. The work of the U. S. Forest Service. 1952.
- *AB 105. The Forest Products Laboratory: A brief account of its work and aims. 1953. **15¢. For sale only.**
- AB 111. The United States sugar program. 1953.
- AB 121. Fighting our insect enemies: Achievements of professional entomology, 1854–1954. 1954.

Miscellaneous Publications:

- *M 249. Careers in forestry. 1938; revised 1945. **15¢. For sale only.**
- *M 703. The agricultural estimating and reporting services of the United States Department of Agriculture. 1949. **\$1.00. For sale only.**
- The market news services. (Reprint from M 703.) 1949.

Yearbook Separates:

- *YS 2135. The National Arboretum. 1949. **5¢. For sale only.**
- *YS 2340. An agricultural "Ellis Island." 1952.
- YS 2401. How to get further information on insects. 1952.

Unnumbered:

- Report of agricultural trade missions to the Secretary of Agriculture on foreign trade of the United States in agricultural products. 1954.
- Report of the Virgin Islands agricultural research and extension program, 1953. 1954.
- The United States National Arboretum, Washington, D. C. 1953.
- What agricultural extension is. 1944.

ANNUAL REPORTS

Secretary of Agriculture:

- *1948; 50¢. For sale only. *1951; 20¢. For sale only. 1953.
- *1949; 35¢. For sale only. 1952.

Agricultural Experiment Stations: (Report on)

- *1947; 25¢. For sale only. *1949; 35¢. For sale only. *1952; 40¢. For sale only.
- *1948; 35¢. For sale only. *1950; 35¢. For sale only. *1953; 50¢. For sale only.

Agricultural Research Administration:

- *1948; 60¢. For sale only. *1951; \$1.00. For sale *1952; \$1.00. For sale only.
- *1949; 75¢. For sale only. only. *1953. \$1.25. For sale only.
- *1950; \$1.00. For sale only. *1953. \$1.25. For sale only.

Bureau of Agricultural and Industrial Chemistry:

- *1948; 15¢. For sale only. *1950; 30¢. For sale only. *1953; 25¢. For sale only.
- *1949; 20¢. For sale only. *1951; 25¢. For sale only.

Bureau of Animal Industry:

- *1948; 20¢. For sale only. 1952.
- *1949; 25¢. For sale only. 1953.
- *1950; 25¢. For sale only.

Bureau of Dairy Industry:

- *1949; 10¢. For sale only. *1951; 10¢. For sale only. *1953; 15¢. For sale only.
- *1950; 10¢. For sale only. *1952; 10¢. For sale only.

Bureau of Entomology and Plant Quarantine:

- *1952; 25¢. For sale only. *1953; 25¢. For sale only.

Bureau of Human Nutrition and Home Economics:

- *1949; 5¢. For sale only. *1950; 5¢. For sale only. 1952.

Bureau of Plant Industry, Soils, and Agricultural Engineering:

- *1949; 25¢. For sale only. *1951; 30¢. For sale only. *1953; 35¢. For sale only.
- *1950; 30¢. For sale only. *1952; 30¢. For sale only.

Commodity Credit Corporation:

- 1952. 1953.

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Commodity Exchange Authority:

1947.	1950.	1952.
1948.	1951.	1953.
1949.		

Cooperative Extension Work in Agriculture and Home Economics:

*1949; 15¢. For sale only. *1952; 20¢. For sale only.
 *1951; 15¢. For sale only. *1953; 20¢. For sale only.

Federal Crop Insurance Corporation:

*1949; 15¢. For sale only. *1951; 15¢. For sale only. *1953; 15¢. For sale only.
 *1950; 15¢. For sale only. *1952; 15¢. For sale only.

Federal Experiment Station in Puerto Rico:**English Editions:**

1941.	1946.	1950.
1942.	1947.	1951.
1943.	1948.	1952.
1944.	1949.	1953.
1945.		

Spanish Editions:

1941.	1943.	1945.
1942.	1944.	

Foreign Agricultural Service:

1952-53.

Forest Service:

*1947; 15¢. For sale only. *1951; 20¢. For sale only.
 *1949; 15¢. For sale only. *1953; 20¢. For sale only.

Library:

*1950; 5¢. For sale only.

Office of Budget and Finance:

*1953; 20¢. For sale only.

Office of Experiment Stations: (Chief's report.)

*1948; 10¢. For sale only.	1950.	1952.
*1949; 5¢. For sale only.	1951.	1953.

Office of Personnel:

*1948; 10¢. For sale only. *1949; 5¢. For sale only.

Office of Plant and Operations:

*1950; 10¢. For sale only.

Office of the Solicitor:

*1950; 10¢. For sale only. 1952. 1953.

Production and Marketing Administration:

*1950; 25¢. For sale only. 1952.
 *1951; 30¢. For sale only. 1953.

Rural Electrification Administration:

*1949; 10¢. For sale only. *1951; 15¢. For sale only. *1953; 15¢. For sale only.
 *1950; 15¢. For sale only. *1952; 15¢. For sale only.

Soil Conservation Service:

*1948; 20¢. For sale only. *1950; 20¢. For sale only. 1952.

*1949; 20¢. For sale only. *1951; 25¢. For sale only. *1953; 25¢. For sale only.

Virgin Islands:

Report of the Virgin Islands agricultural research and extension program, 1953. 1954.

BIBLIOGRAPHIES, INDEXES, AND COMPILATIONS**Agriculture Information Bulletins:**

AB 37. Lists of publications and patents, Bureau of Agricultural and Industrial Chemistry, Agricultural Research Administration, U. S. Department of Agriculture. 1950. 1951.

AB 63. Books, booklets, bulletins on soil and water conservation. 1951.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Agriculture Information Bulletins—Continued

*AB 93. Lists of publications and patents, Bureau of Agricultural and Industrial Chemistry, Agricultural Research Administration, U. S. Department of Agriculture. 1951. 1952. **25¢. For sale only.**

Agriculture Monographs:

*AM 2. Hymenoptera of America north of Mexico. Synoptic catalog. 1951. **\$4.00. For sale only.**

Bibliographical Bulletins:

*B 3. Bibliography on the Japanese in American agriculture. 1944. **15¢. For sale only.**

*B 9. Review of literature on cinchona diseases, injuries, and fungi. 1947. **20¢. For sale only.**

B 11. Handling, storage, transportation, and utilization of potatoes: A digest of information on the subject published mostly from 1938 to 1948. 1949.

*B 14. A bibliography of plant pathology in the Tropics and in Latin America. 1951. **40¢. For sale only.**

B 15. Bibliography on the marketing of livestock, meat, and meat products. 1951.

B 17. Kenaf (*Hibiscus cannabinus* L.): A bibliographical survey. 1952.

*B 18. The forests of Continental Latin America (including European possessions): A bibliography of selected literature, 1920–1950. 1952. **45¢. For sale only.**

B 19. Tropical beef cattle industry in the Western Hemisphere. 1952.

B 20. United States tree books: A bibliography of tree identification. 1952.

B 21. Handling, transportation, storage, and marketing of peaches: A digest of recent contributions to the knowledge of physical and biological phases of the subject. 1952.

*B 22. Land ownership: A bibliography of selected references. 1953. **70¢. For sale only.**

*B 23. Guide to popular floras of the United States and Alaska. 1954. **25¢. For sale only.**

*B 24. Rural electrification in the United States: A bibliography of selected references. 1954. **45¢. For sale only.**

Lists:

Lt 5. Popular publications for the farmer and homemaker. 1953.

Lt 9. Publications on fur farming, rabbits, and laboratory animals. 1953.

Lt 11. List of available publications of the United States Department of Agriculture. 1954.

Miscellaneous Publications:

M 153. List of publications of the United States Department of Agriculture from January 1926, to December 1930, inclusive. 1932. (For libraries only.)

M 443. List of publications of the United States Department of Agriculture from January 1936, to December 1940, inclusive. 1941. (For libraries only.)

*Suppl. to M 657. Index to insects by host plants. 1953. **15¢. For sale only.**

Yearbook Separates:

YS 2107. Lists of plant names. 1948.

YS 2289. Glossary. (From 1950–51 Yearbook, Crops in Peace and War.) 1951.

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YS 2166. Making use of the biological approach. 1951.

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 YS 2187. The processing of potatoes for food. 1951.
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- *MRR 37. Federal regulation of fluid milk marketing in the Clinton, quad cities, and Dubuque marketing areas. 1953. **70¢. For sale only.**
- *MRR 43. The marketing of milk in the Louisville area under Federal regulation. 1953. **\$1.25. For sale only.**

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- *YS 1878. Regulatory activities in animal-disease control. 1952. **5¢. For sale only.**
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- *Revised edition of laws applicable to the United States Department of Agriculture, 1945. Two volumes. **\$4.00 a set. Sold in sets only. For sale only.**
- 1945-1950 supplement to laws applicable to the United States Department of Agriculture. 1952.
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- Twenty-five years of futures trading under Federal regulation. Revised 1950.

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- *YB 1942. Keeping livestock healthy. \$2.25. For sale only.
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- *YB 1950-51. Crops in peace and war. \$2.50. For sale only.
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- F 1643. Fire safeguards for the farm. 1930; revised 1949.
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- F 2070. Fire-resistant construction on the farm. 1954.

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(See also page 126)

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- AB 35. Customers across the border: The farmer's stake in United States-Canadian trade. 1951.
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- AB 104. United Kingdom market for United States agricultural products. 1953.

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- FAR 6. Medicinal plants of tropical and subtropical regions. 1942.
- FAR 7. The agricultural resources of Madagascar. 1942.
- FAR 8. Plants for insecticides and rodenticides. 1943.
- FAR 9. The fruit industry of Mexico. 1944.
- FAR 10. Programs of foreign governments for fiber-flax production. 1946.
- FAR 11. Fats and oils world production and trade. 1946.
- FAR 12. The livestock industry of Nicaragua. 1946.
- FAR 17. A study of rural life in coastal Ecuador. 1947.
- FAR 18. North American agro-climatic analogues of prewar Czechoslovakia, Poland, and certain areas of East Prussia, Pomerania, G. M. Posen, West Prussia, Brandenburg, and Silesia. 1947.
- FAR 21. Mexican winter vegetable export industry. 1947.
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- FAR 25. Argentine farming and farm trade. 1948.
- FAR 27. Canton Chullpas: A socioeconomic study in the Cochabamba Valley of Bolivia. 1948.
- FAR 30. Tobacco in the Dominican Republic. 1948.
- FAR 31. Santa Cruz: A socioeconomic study of an area in Bolivia. 1948.
- FAR 33. Production, consumption, and price trends of coffee. 1948.
- FAR 34. Cacao industry of Ecuador. 1949.
- FAR 35. Market outlook and prospective competition for U. S. rice in Asia, Near East, and Europe. 1949.
- FAR 36. Field and vegetable seed production and demand in Europe. 1949.
- FAR 37. São Paulo cotton—factors affecting trends in production and trade. 1949.
- FAR 38. Trends in Latin America affecting United States trade in tobacco. 1949.
- FAR 39. European cooperatives as markets for United States farm products. 1949.
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FAR 45. Cotton production in India. 1950.
 FAR 46. Mexican farm wages and farm labor productivity. 1950.
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 FAR 49. Amazon Basin Brazil nut industry. 1950.
 FAR 50. Market potentialities for wheat and wheat flour in the Far East. 1950.
 FAR 51. Buying and selling by cooperatives in Europe. 1950.
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 FAR 57. Market for dried fruit in six European countries. 1951.
 FAR 59. Study of the citrus industry of Italy. 1951.
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 FAR 62. Recent changes in the citrus industry of Israel. 1951.
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 FAR 73. Filberts in Turkey. 1953.
 FAR 74. Agricultural market and price policies in foreign countries, 1953.
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 FAR 77. Recent changes in the citrus industry in Spain. 1954.
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IAC 1. Mexican chickpeas (garbanzos in export market). 1947.
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T 1016. Vegetable weevils and their natural enemies in Argentina and Uruguay. 1950.
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Agricultural geography of the Philippine Islands. 1945.
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F 1256. Slash pine. 1922; slightly revised 1940.
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 F 1526. Clearing land of brush and stumps. 1927; revised 1946.
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L 84. Planting black walnut. 1932.
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5¢. For sale only.

Agriculture Handbooks:

*AH 9. Southwestern trees. A guide to the native species of New
 Mexico and Arizona. 1950. **30¢. For sale only.**
 *AH 13. Forestry handbook for the Upper Mississippi Region. 1950.
45¢. For sale only.
 AH 20. The principal laws relating to the establishment and adminis-
 tration of the National forests and to other Forest Service
 activities. 1951.
 AH 39. Growth of selectively cut ponderosa pine stands in the Upper
 Columbia Basin. 1952.
 *AH 41. Check list of native and naturalized trees of the United States
 (including Alaska). 1953. **\$2.00. For sale only.**
 *AH 52. The small timber owner and his Federal income tax. 1953.
20¢. For sale only.
 AH 53. Forestry for 4-H clubs. 1953.

Agriculture Information Bulletins:

*AB 17. Otsego Forest Products Cooperative Association of Coopers-
 town, New York: An evaluation. 1950. **20¢. For sale
 only.**
 *AB 22. Palm trees in the United States. 1950. **15¢. For sale only.**
 *AB 49. Our national forests. 1951. **20¢. For sale only.**
 AB 83. Highlights in the history of forest conservation. 1952.
 AB 91. The work of the U. S. Forest Service. 1952.
 AB 107. Farm forestry extension: What it is and how it works. 1953.

Agriculture Monographs:

AM 6. Management of ponderosa pine in the Southwest. 1950.

Bibliographical Bulletins:

B 20. United States tree books: A bibliography of tree identification.
 1952.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Circulars:

- *C 770. Spacing distances for windbreak trees on the northern Great Plains. 1948. **10¢. For sale only.**
- *C 778. Red pine management in Minnesota. 1948. **25¢. For sale only.**
- *C 791. Silvicultural management of black spruce in Minnesota. 1948. **15¢. For sale only.**
- *C 845. Management of natural slash pine stands in the flatwoods of south Georgia and north Florida. 1950. **20¢. For sale only.**
- *C 899. Forest yield taxes. 1952. **20¢. For sale only.**

Forest Service Reappraisal Reports:

- No. 3. Management status of forest lands in the United States. 1946; slightly revised 1947.
- No. 6. Forest cooperatives in the United States. 1947.

Miscellaneous Publications:

- *M 388. Living and forest lands. 1940; slightly revised 1941. **25¢. For sale only.**
- *M 654. Woody-plant seed manual. 1948. **\$3.75. For sale only.**
- *M 693. Timber stand improvement in the southern Appalachian region. 1949. **25¢. For sale only.**

Program Aids:

- PA 234. The well-kept farm woods. 1953.

Technical Bulletins:

- *T 863. Management of jack pine stands in the Lake States. 1944. **15¢. For sale only.**
- *T 954. Some principles of visibility and their application to forest fire control. 1948. **15¢. For sale only.**
- *T 1010. Forest plantations in the Lake States. 1950. **45¢. For sale only.**
- *T 1076. Partial cuttings in northern hardwoods of the Lake States: Twenty-year experimental results. 1953. **40¢. For sale only.**

Yearbooks:

- *YB 1949. Trees. **\$2.00. For sale only.**

Yearbook Separates:

- YS 2065. Grazing on forested lands. 1948.
- *YS 2108. Questions and answers. 1949. **10¢. For sale only.**
- *YS 2120. Windbreaks and shelterbelts. 1949. **5¢. For sale only.**
- *YS 2131. The administration of national forests. 1949. **5¢. For sale only.**
- *YS 2133. Community forests. 1949. **5¢. For sale only.**
- YS 2142. Breeding and selecting pest-resistant trees. 1949.
- *YS 2153. The history of forestry in America. 1949. **5¢. For sale only.**
- *YS 2154. Forest resources and the Nation's economy. 1949. **5¢. For sale only.**
- *YS 2156. Important forest trees of the United States. 1949. **15¢. For sale only.**

American Wood Series:

- *Alaska cedar. 1953. **5¢. For sale only.**
- *American basswood. 1945. **5¢. For sale only.**
- *American beech. 1945. **5¢. For sale only.**
- *American holly. 1953. **5¢. For sale only.**
- *American sycamore. 1945. **5¢. For sale only.**
- *Ash. 1945. **5¢. For sale only.**
- *Aspen. 1945. **5¢. For sale only.**
- *Atlantic white-cedar. 1945. **5¢. For sale only.**
- *Baldcypress. 1945. **5¢. For sale only.**
- *Balsam fir. 1945. **5¢. For sale only.**
- *Balsam poplar. 1945. **5¢. For sale only.**

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American Wood Series—Continued

- *Birch. 1945. 5¢. For sale only.
- *Black cherry. 1945. 5¢. For sale only.
- *Black locust. 1945. 5¢. For sale only.
- *Black walnut. 1945. 5¢. For sale only.
- *Black willow. 1945. 5¢. For sale only.
- *Buckeye. 1945. 5¢. For sale only.
- *Butternut. 1945. 5¢. For sale only.
- *Chestnut. 1945. 5¢. For sale only.
- *Cottonwood. 1945. 5¢. For sale only.
- *Douglas-fir. 1945. 5¢. For sale only.
- *Eastern hemlock. 1953. 5¢. For sale only.
- *Eastern red cedar. 1953. 5¢. For sale only.
- *Eastern spruce. 1945. 5¢. For sale only.
- *Eastern white pine. 1954. 5¢. For sale only.
- *Elm. 1945. 5¢. For sale only.
- *Engelmann spruce. 1945. 5¢. For sale only.
- *Flowering dogwood. 1945. 5¢. For sale only.
- *Hackberry. 1945. 5¢. For sale only.
- *Hickory. 1945. 5¢. For sale only.
- *Incense-cedar. 1954. 5¢. For sale only.
- *Jack pine. 1945. 5¢. For sale only.
- *Lodgepole pine. 1945. 5¢. For sale only.
- *Magnolia. 1945. 5¢. For sale only.
- *Maple. 1945. 5¢. For sale only.
- *Noble fir. 1945. 5¢. For sale only.
- *Northern white-cedar. 1945. 5¢. For sale only.
- *Oak. 1945. 5¢. For sale only.
- *Osage-orange. 1953. 5¢. For sale only.
- *Pecan. 1945. 5¢. For sale only.
- *Persimmon. 1945. 5¢. For sale only.
- *Ponderosa pine. 1953. 5¢. For sale only.
- *Port Oxford white-cedar. 1945. 5¢. For sale only.
- *Red alder. 1945. 5¢. For sale only.
- *Red pine. 1953. 5¢. For sale only.
- *Redwood. 1945. 5¢. For sale only.
- *Sitka spruce. 1945. 5¢. For sale only.
- *Southern pines. 1954. 10¢. For sale only.
- *Sugar pine. 1945. 5¢. For sale only.
- *Sweet gum. 1945. 5¢. For sale only.
- *Tamarack. 1945. 5¢. For sale only.
- *Tupelo. 1945. 5¢. For sale only.
- *Western hemlock. 1945. 5¢. For sale only.
- *Western larch. 1945. 5¢. For sale only.
- *Western redcedar. 1954. 5¢. For sale only.
- *Western white pine. 1954. 5¢. For sale only.
- *White fir. 1945. 5¢. For sale only.
- *Yellow poplar. 1945. 5¢. For sale only.

Miscellaneous:

- M 5296. How to control southern upland hardwoods with ammate. 1949.

Unnumbered:

- Black Hills national forest 50th anniversary. 1948.
- *Campstoves and fireplaces. 1937. 50¢. For sale only.
- Direct seeding of trees. 1949.
- Forest renewal. 1949.
- *Forest trees of the Pacific slope. 1908. \$2.25. For sale only.
- Forest and soils. 1949.
- Grazing on the national forests. (Excerpt from report of the Chief of the Forest Service, 1953.)
- *Know your national forests in California. 1949. 15¢. For sale only.
- National forest areas, June 30, 1953.
- National forest vacations. 1940; revised 1950.
- National Parks and National Forests. 1948; slightly revised 1951.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Unnumbered—Continued

Pine breeding in the United States. 1949.

Pointers on planting. 1949.

Summary of a reappraisal of the forest situation in the United States.
(Excerpt from M 668.) 1948.

Maps:

Forest regions of the United States. 18 by 20 inches. Colored. (M 5154.) 1948.

Posters:

How a tree grows. 16 by 21 inches. Colored. (M 5159.) 1934; revised 1950.

DISEASES**Farmers' Bulletins:**

F 1398. Currants and gooseberries: Their culture and relation to white pine blister rust. 1924; slightly revised 1946.

F 1887. Reducing losses from tree diseases in Eastern forests and farm woodlands. 1942.

Leaflets:

L 265. Control of white pine blister rust. A cooperative effort to prevent damage to the white pine resources of the United States. 1950.

L 286. Prevent tanbark deterioration. 1950.

L 329. Control of Dutch elm disease and elm phloem necrosis. 1952.

Bibliographical Bulletins:

*B 9. Review of literature on cinchona diseases, injuries, and fungi. 1947. **20¢. For sale only.**

Circulars:

C 742. Canker stain of planetrees. 1946; slightly revised 1950.

*C 853. Clitocybe root rot of woody plants in the Southeastern United States. 1950. **15¢. For sale only.**

*C 855. Cinchona root and collar rot in Peru and Bolivia. 1950. **10¢. For sale only.**

*C 906. Improvements in the control of ribes by chemical and mechanical methods. 1952. **35¢. For sale only.**

*C 919. Aiding blister rust control by silvicultural measures in the western white pine type. 1953. **10¢. For sale only.**

*C 937. Ecology of the Sierra Nevada gooseberry in relation to blister rust control. 1954. **15¢. For sale only.**

*C 940. Littleleaf disease of shortleaf and loblolly pines. 1954. **25¢. For sale only.**

Forest Service Reappraisal Reports:

No. 5. Protection against forest insects and diseases in the United States. 1947.

Picture Sheets:

PS 22. White pine blister rust. 5 $\frac{3}{4}$ by 9 $\frac{1}{4}$ inches. Colored. 1948.

PS 23. Stem rust. 5 $\frac{3}{4}$ by 9 $\frac{1}{4}$ inches. Colored. 1948.

Program Aids:

PA 231. Control of white pine blister rust in the Northeastern States. 1953.

Technical Bulletins:

T 779. The effect of certain heart rot fungi on the specific gravity and strength of Sitka spruce and Douglas-fir. 1941.

T 785. Fungi causing decay of living oaks in the eastern United States and their cultural identification. 1942.

*T 851. Deterioration of fire-killed Douglas-fir. 1943. **15¢. For sale only.**

*T 876. Decay of logging slash in the Northeast. 1944. **10¢. For sale only.**

T 978. A comparison of the pine-oak rusts. 1949.

T 984. Decay resistance of black locust heartwood. 1949.

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Yearbook Separates:

- *YS 1952. Canker stain of planetrees. 1947. 5¢. For sale only.
- *YS 1996. Fungi in forest products. 1947. 5¢. For sale only.
- YS 2136. Diseases and the forest. 1949.
- YS 2137. Introduced tree diseases and insects. 1949.
- YS 2138. Dutch elm disease. 1949.
- YS 2140. Dwarf mistletoes. 1949.
- YS 2141. Heart rot. 1949.
- YS 2150. Fungi and wood. 1949.
- YS 2393. Insects and spread of forest-tree diseases. 1952.

INSECT ENEMIES**Farmers' Bulletins:**

- *F 1582. Protection of log cabins, rustic work and unseasoned wood from injurious insects. 1929; slightly revised 1943. 10¢. For sale only.
- F 1824. The Black Hills beetle a serious enemy of Rocky Mountain pines. 1939.

Leaflets:

- L 161. The eastern tent caterpillar. 1938; slightly revised 1949.
- L 183. Cankerworms. 1939; revised 1953.
- L 296. The redheaded pine sawfly. 1951.

Circulars:

- C 664. The mountain pine beetle, an important enemy of western pines. 1943.
- *C 817. The Douglas-fir beetle. 1950. 10¢. For sale only.
- C 842. Damage to guayule by insects and mites with notes on control. 1950.
- *C 850. White-fringed beetles and how to combat them. 1950. 10¢. For sale only.
- C 864. The western pine beetle: A serious enemy of ponderosa pine. 1951.

Forest Service Reappraisal Reports:

- No. 5. Protection against forest insects and diseases in the United States. 1947.

Miscellaneous Publications:

- *M 273. Insect enemies of western forests. 1938; revised 1952. \$1.00. For sale only.
- *M 657. Insect enemies of eastern forests. 1950. \$2.75. For sale only.
- *Suppl. to M 657. Index to insects by host plants. 1953. 15¢. For sale only.

Picture Sheets:

- PS 26. Gypsy moth. 1950.

Yearbook Separates:

- YS 2137. Introduced tree diseases and insects. 1949.
- *YS 2143. The airplane in forest-pest control. 1949. 5¢. For sale only.
- YS 2382. White-fringed beetle. 1952.
- YS 2393. Insects and spread of forest-tree diseases. 1952.
- YS 2394. The spruce budworm. 1952.
- YS 2395. Bark beetles in forests. 1952.

FOREST INFLUENCES**Farmers' Bulletins:**

- F 1405. The windbreak as a farm asset. 1924; revised 1944.

Leaflets:

- L 282. Know your watersheds. 1948.

Agriculture Handbooks:

- *AH 19. Indicators of condition and trend on high range-watersheds of the Intermountain Region. 1951. 30¢. For sale only.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Agriculture Information Bulletins:

- *AB 10. How forest conditions affected the 1948 Columbia flood. 1950.
10¢. For sale only.
- AB 71. Water and our forests. 1946; slightly revised 1951.
- *AB 117. Waters of Ceweeta. 1953. 20¢. For sale only.

Circulars:

- C 910. Some plant-soil-water relations in watershed management. 1952.

Miscellaneous Publications:

- *M 249. Careers in forestry. 1938; revised 1951. 15¢. For sale only.
- *M 639. Watershed management for summer flood control in Utah. 1947. 10¢. For sale only.

Program Aids:

- PA 64. You and forest fires. 1952.
- PA 93. Forest and flame in the Bible. 1950.
- PA 104. Forests and water. 1950.

Technical Bulletins:

- T 968. Effect of timber cutting on water available for stream flow from a lodgepole pine forest. 1948.

Yearbook Separates:

- *YS 2120. Windbreaks and shelterbelts. 1949. 5¢. For sale only.
- YS 2145. Everyone is welcome. 1949.
- *YS 2148. To help control floods. 1949. 5¢. For sale only.
- YS 2399. Birds, beasts, and bugs. 1952.

Unnumbered:

- A tree is a living thing. 1949.
- *Avalanche handbook. 1952. 60¢. For sale only.
- The community of trees. 1949.

FOREST PRODUCTS**Farmers' Bulletins:**

- *F 1210. Measuring and marketing farm timber. 1921; slightly revised 1940. 15¢. For sale only.
- F 1756. Selection of lumber for farm and home building. 1936.
- F 1975. Farm buildings from home-grown timber in the South. 1945.
- F 2049. Preservative treatment of fence posts and farm timbers. 1952.

Leaflets:

- L 286. Prevent tanbark deterioration. 1944.
- L 323. Wood chips for the land. 1952.

Agriculture Handbooks:

- AH 4. Log defects in southern hardwoods. 1950.
- AH 40. Preservative treatment of wood by pressure methods. 1952.

Agriculture Information Bulletins:

- *AB 17. Otsego Forest Products Cooperative Association of Coopers-town, New York: An evaluation. 1950. 20¢. For sale only.
- *AB 94. Christmas trees—the tradition and the trade. 1952. 10¢. For sale only.
- *AB 105. The Forest Products Laboratory. 1953. 15¢. For sale only.

Circulars:

- *C 489. Selection, installation, finish, and maintenance of wood floors for dwellings. 1938. 15¢. For sale only.

Forest Resource Reports:

- *FR 2. Wood used in manufacture—1948. 1951. 35¢. For sale only.

Forest Service Reappraisal Reports:

- No. 2. Potential requirements for timber products in the United States. 1947; slightly revised 1947.

Miscellaneous Publications:

- *M 358. Use and abuse of wood in house construction. 1939. 20¢.
For sale only.
- *M 579. Building with logs. 1945. 25¢. **For sale only.**
- *M 629. Wood properties and paint durability. 1947. 10¢. **For sale only.**

Technical Bulletins:

- T 282. Strength-moisture relations for wood. 1932.
- T 596. Composition and fractionation of American steam-distilled wood turpentine. 1937.
- T 749. Composition of American gum turpentine exclusive of the pinenes. 1941.
- *T 1069. Fabrication and design of glued laminated wood structural members. 1954. 60¢. **For sale only.**

Yearbook Separates:

- YS 2121. Christmas trees: The tradition. 1949.
- *YS 2149. The wood for the job. 1949. 5¢. **For sale only.**
- YS 2208. Crops from the maple trees. 1951.
- YS 2280. Production and uses of charcoal. 1951.
- YS 2281. Details of terpenes commonly present in turpentine. 1951.
- YS 2282. The industrial utilization of rosin. 1951.

Miscellaneous:

- M 5241. Handling your big game kill. 1938; revised 1947.

Unnumbered:

- Products of American forests. 1939; slightly revised 1946.
- Trees and food from acorns. 1949.

Posters:

- What we get from trees. 27 by 39 inches. Colored. (M 5293.) 1945.

LUMBERING**Farmers' Bulletin:**

- *F 1210. Measuring and marketing farm timber. 1921; slightly revised 1940. 15¢. **For sale only.**
- F 1459. Selling black-walnut timber. 1925; revised 1948.
- F 1907. Equipment and methods for harvesting farm woodland products. 1942.
- F 2008. Logging farm forest crops in the Northeast. 1949.
- F 2027. Cutting for profit in Southern pine woodlands. 1951.

Agriculture Handbooks:

- AH 4. Log defects in southern hardwoods. 1950.
- *AH 6. Northeastern loggers' handbook. 1951. 75¢. **For sale only.**
- *AH 27. Small sawmill operator's manual. 1952. 65¢. **For sale only.**

Miscellaneous Publications:

- M 225. Converting factors and tables of equivalents used in forestry. 1935; revised 1949.
- M 669. Lumber production in the United States, 1799-1946. 1948.

Statistical Bulletins:

- SB 78. Stumpage and log prices for the calendar year 1941. 1943.

Technical Bulletins:

- *T 876. Decay of logging slash in the Northeast. 1944. 10¢. **For sale only.**

Unnumbered:

- *National forest scaling handbook. 1915; revised 1940. 35¢. **For sale only.**
- *Tables for estimating board-foot volume of timber. 1946. 25¢. **For sale only.**

RESOURCES**Agricultural Information Bulletins:**

- AB 67. Forest resources of Liberia. 1951.

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44 HEALTH AND ACCIDENT PREVENTION, HOME ECONOMICS

Forest Resources Reports:

- *FR 1. Forest resources of the Lake States region. 1950. 30¢. For sale only.
- FR 3. The timber supply outlook in South Carolina. 1951.
- FR 4. Mississippi's forest resources and industries. 1951.
- FR 5. Forest resources of Montana. 1952.
- FR 6. The timber supply situation in Florida. 1952.
- FR 7. Kentucky's forest resources and industries. 1953.

Forest Service Reappraisal Reports:

- No. 1 Gaging the timber resource of the United States. 1947; slightly revised 1947.

Miscellaneous Publications:

- *M 681. Virginia forest resources and industries. 1949. 50¢. For sale only.

Unnumbered:

- Summary of a reappraisal of the forest situation in the United States. (Excerpt from M 668.) 1948.

Yearbook Separates:

- *YS 2154. Forest resources and the nation's economy. 1949. 5¢. For sale only.

HEALTH AND ACCIDENT PREVENTION

Farmers' Bulletins:

- F 1678. Safe use and storage of gasoline and kerosene on the farm. 1932; revised 1945.
- F 1950. Sewage and garbage disposal on the farm. 1944; revised 1946.
- F 1991. The use of disinfectants on the farm. 1947.

Leaflets:

- L 34. Trichinosis: A disease caused by eating raw pork. 1929; slightly revised 1946.
- L 177. The pasteurization of milk. 1939; slightly revised 1949.

Agriculture Handbooks:

- AH 37. Manual on safety for workers in: Chemical laboratories, Pilot plants, Chemical storerooms, Mechanical shops. 1954.
- AH 38. First aid for flooded homes and farms. 1952.

Agriculture Information Bulletins:

- *AB 92. The inspection stamp as a guide to wholesome meat. 1952. 10¢. For sale only.

Miscellaneous Publications:

- *M 608. Watch your step: Avoid farm accidents. 1946. 10¢. For sale only.

Others:

- Rural health: Annotated list of selected references. 1953. (Lib. List 60.)

HOME ECONOMICS

Clothing and Textiles

Farmers' Bulletins:

- F 1474. Stain removal from fabrics: Home methods. 1926; slightly revised 1951.
- F 1523. Leather shoes . . . selection and care. 1927; revised 1952.
- F 1786. Fireproofing fabrics. 1937; slightly revised 1938.
- F 1837. Cotton shirts for men and boys. 1939; slightly revised 1949.
- F 1873. Slip covers for furniture. 1941; slightly revised 1949.
- F 1894. Coat making at home. 1941.
- F 1925. ABC's of mending. 1942; slightly revised 1946.
- F 1944. Sewing machines—cleaning and adjusting. 1943.
- F 1954. Making a dress at home. 1944.
- F 1960. Carpet and rug repair. 1944.

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Farmers' Bulletins—Continued

F 1964. Fitting dresses. 1944; slightly revised 1946.
 F 1968. Pattern alteration. 1945.

Leaflets:

L 251. Child's self-help overall. 1948.
 L 322. Preventing and removing mildew . . . home methods. 1952.

Agricultural War Information Series:

W 26. Take care of the wool you have. 1943.

Agriculture Information Bulletins:

AB 45. Automobile manufacturers discuss fabrics and fibers for passenger cars. 1951.
 AB 64. Men's preferences among wool suits, coats, and jackets. 1951.
 AB 65. Mothers' opinions of fibers in selected items of children's clothing. 1951.

Circulars:

*C 758. Effectiveness of fungicidal chemicals in preventing the growth of *Trichophyton interdigitale* and *Epidermophyton floccosum* in shoe leather. 1947. **10¢. For sale only.**
 C 790. Preserving cotton fabrics in outdoor use. 1948.
 *C 793. Dimensional changes in certain cotton, wool, and rayon woven fabrics during various cleaning and pressing processes. 1948. **10¢. For sale only.**
 *C 848. Physical properties of plated fabrics knit of cotton, wool, viscose rayon, and nylon. 1950. **10¢. For sale only.**
 C 889. A laboratory evaluation of certain features of cotton housework dress construction. 1952.

Home and Garden Bulletins:

*G 4. Window curtains—planning and selection. 1951. **20¢. For sale only.**
 G 11. Fitting coats and suits. 1952.
 G 20. How to tailor a woman's suit. 1946.
 G 31. Buying women's coats and suits. 1954.
 G 38. Buying your home sewing machine. 1954.
 G 39. Mending men's suits. 1943; slightly revised 1946.

Marketing Research Reports:

MRR 1. Survey of canvas awning fabricators. 1952.
 MRR 26. Opinions of homemakers regarding fibers in selected items of household furnishings. 1952.
 MRR 51. Fibers: Opinions and practices among manufacturers of cordage and twine. 1953.

Miscellaneous Publications:

*M 230. Home dyeing with natural dyes. 1935. **20¢. For sale only.**
 *M 422. Family expenditures for clothing. Five regions. (Consumer purchases study—Urban and village series.) 1941. **35¢. For sale only.**
 *M 575. Knitwear make-overs. 1945. **10¢. For sale only.**
 M 688. Buying men's suits. 1949.
 *M 706. Men's preferences among selected clothing items. 1949. **40¢. For sale only.**

Statistical Bulletins:

SB 89. Trends in the consumption of fibers in the United States, 1892-1948. 1950.

Technical Bulletins:

*T 931. Fiber and spinning properties of cotton, with special reference to varietal and environmental effects. 1946. **10¢. For sale only.**
 T 941. Commercial cotton-bleaching processes and their effect on fabrics. 1947.
 T 949. Structure, determined by X-ray, and strength of cotton fiber. 1948.
 T 1062. Marketing and manufacturing services and margins for textiles. 1952.

Yearbook Separates:

- YS 2216. The utilization of American cotton. 1951.
- YS 2217. What cotton has; what it needs. 1951.
- YS 2218. Fibers in a different light. 1951.
- YS 2219. The scientist looks at cotton. 1951.
- YS 2220. Chemically modified cotton. 1951.
- YS 2221. How to keep dry under cotton. 1951.
- YS 2222. Measuring the absorbency of cotton. 1951.
- YS 2223. Acetylation to make a new textile. 1951.
- YS 2224. New values in mercerizing cotton. 1951.
- YS 2225. Dyeing cotton to test its fibers. 1951.
- YS 2226. Effect of light on cotton textiles. 1951.
- YS 2229. CMC makes cleaner cotton. 1951.
- YS 2230. Tests to help you know textiles. 1951.

ECONOMIC STUDIES**Agriculture Handbooks:**

- *AH 62. Consumption of food in the United States, 1909-52. 1953. 70¢. **For sale only.**

Agriculture Information Bulletins:

- *AB 2. Citrus preferences among household consumers in Louisville and in Nelson County, Kentucky. 1950. 25¢. **For sale only.**
- *AB 4. Price spreads between farmers and consumers. 1949. 40¢. **For sale only.**
- *AB 5. Farm-to-retail margins for marketing western turkeys. 1949. 10¢. **For sale only.**
- *AB 6. Farm-to-retail margins for Washington Delicious apples marketed in Chicago, 1947-48 season. 1949. 15¢. **For sale only.**
- AB 14. Shifts in the trade in western slaughter livestock. 1950.
- *AB 15. Rice preferences among household consumers. 1950. 30¢. **For sale only.**
- AB 41. Rural levels of living in Lee and Jones Counties, Mississippi, 1945 . . . and a comparison of two methods of data collection. 1951.
- *AB 42. Use of fruits by Chicago bakers. 1951. 50¢. **For sale only.**
- AB 45. Automobile manufacturers discuss fabrics and fibers for passenger cars. 1951.
- AB 48. Competitive relationship between sugar and corn sweeteners. 1951.
- AB 50. Consumers' use of and opinions about citrus products. 1951.
- AB 64. Men's preferences among wool suits, coats, and jackets. 1951.
- AB 65. Mothers' opinions of fibers in selected items of children's clothing. 1951.
- *AB 87. Trends in selected facilities available for farm families. 1952. 15¢. **For sale only.**
- *AB 96. Housing needs and preferences of farm families . . . a comparison of data from studies in four regions. 1952. 30¢. **For sale only.**
- *AB 100. Electricity in farm production: Eastern livestock area of Iowa. 1953. 30¢. **For sale only.**
- *AB 101. Farm family spending and saving in Illinois with a comparison of survey and home-accounts data. 1954. 30¢. **For sale only.**
- *AB 110. Some highlights from consumer egg studies. 1953. 10¢. **For sale only.**
- AB 112. Nutritive content of homemakers' meals, four cities, winter 1948. 1954.

Circulars:

- *C 852. Electricity on farms in the eastern livestock area of Iowa: A progress report. 1950. 25¢. **For sale only.**

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Marketing Research Reports:

MRR 1. Survey of canvas awning fabricators. 1952.

MRR 2. Transportation and handling costs of selected fresh fruits and vegetables in the San Francisco Bay terminal market area. 1952.

MRR 3. Eating places as marketers of food products. 1952.

MRR 4. Marketing charges for head lettuce sold in Pittsburgh, Pa., December 1949-June 1950. 1952.

MRR 5. Marketing charges for potatoes sold in Pittsburgh, Pa., December 1949-June 1950. 1952.

MRR 6. Marketing charges for head lettuce sold in Cleveland, Ohio, February-June 1950. 1952.

*MRR 7. Some improved methods of handling groceries in self-service retail food stores. 1952. **55¢. For sale only.**

*MRR 8. Problems of establishing a consumer panel in the New York metropolitan area. 1952. **25¢. For sale only.**

*MRR 9. Flue-cured tobacco: Price differences among types 11 (a)-13. 1952. **10¢. For sale only.**

*MRR 10. Tung processing and marketing practices and costs. 1952. **20¢. For sale only.**

*MRR 11. Economic effects of Federal regulation of the Minneapolis-St. Paul fluid milk market. 1952. **\$1.00. For sale only.**

MRR 12. How some wholesale grocers build better retailers. 1952.

MRR 13. Methods of handling and delivering orders used by some leading wholesale grocers. 1952.

*MRR 14. Early development of milk marketing plans in the Kansas City, Missouri, Area. 1952. **45¢. For sale only.**

MRR 15. An analysis of some methods of loading out delivery trucks of produce wholesalers. 1952.

MRR 16. Peanuts and their uses for food. 1952.

MRR 17. Farmers' produce markets in the United States. Part III—Shipping point fruit and vegetable markets. 1952.

MRR 21. Marketing charges for potatoes sold in Cleveland, Ohio, February-June 1950. 1952.

MRR 24. Costs of retailing meats in relation to volume. 1952.

MRR 26. Opinions of homemakers regarding fibers in selected items of household furnishings, 1952.

MRR 27. Marketing charges for oranges sold in Pittsburgh and Cleveland 1949-50 season. 1953.

MRR 29. Peanut snack and peanut spread: Potential new products. 1952.

MRR 30. Better utilization of selling space in food stores. Part I. Relation of size of shelf display to sales of canned fruits and vegetables. 1952.

MRR 31. Marketing charges for carrots sold in Pittsburgh, Pa., Dec. 1949-June 1950 and in Cleveland, Ohio, Feb.-June, 1950. 1953.

MRR 32. Margins on fluid milk in the Duluth-Superior marketing area, 1947-48. 1953.

MRR 34. Buyer preference for cranberry packaging in Boston and Topeka. 1953.

MRR 35. Soybeans: Economic analyses relating to processing. 1953.

MRR 36. Produce department space utilization, gross margins, and operating costs in selected retail stores in Charlotte, N. C., January 22-May 19, 1951. 1953.

*MRR 38. The mixed-feeds industry. 1953. **10¢. For sale only.**

MRR 39. Milk products: Consumer purchase patterns and use, Memphis, Tenn. 1953.

*MRR 40. Establishing a national consumer panel from a probability sample. 1953. **20¢. For sale only.**

*MRR 41. Receiving, blocking, and cutting meats in retail food stores. 1953. **30¢. For sale only.**

MRR 42. Views of independent grocers on wholesaler-retailer relations. 1953.

Marketing Research Reports—Continued

- *MRR 44. Packaging and displaying meats in self-service meat markets. 1953. **50¢. For sale only.**
- MRR 46. Detergents, emulsifiers, and emulsion products as market outlets for fats and oils. 1953.
- *MRR 47. Candling, sizing, packing, and materials-handling equipment and methods used in egg assembly plants. 1953. **40¢. For sale only.**
- MRR 48. Improving the performance of retail food store cashiers through better training. 1953.
- MRR 51. Fibers: Opinions and practices among manufacturers of cordage and twine. 1953.
- *MRR 53. The establishment of central market butter prices in Chicago and New York. 1953. **45¢. For sale only.**
- MRR 54. Comparative economies of different types of cottonseed oil mills and their effects on oil supplies, prices, and returns to growers. 1954.
- *MRR 63. Seasonality of milk production under the Louisville Fall Premium Plan. 1954. **30¢. For sale only.**
- *MRR 64. Meeting dairy market sanitation requirements economically: A preliminary report. 1954. **15¢. For sale only.**
- *MRR 67. Homemakers' use of and opinions about fats and oils used in cooking. 1954. **50¢. For sale only.**
- *Suppl. to MRR 67. Homemakers' use of and opinions about fats and oils used in cooking. 1954. **\$1.00. For sale only.**

Miscellaneous Publications:

- M 339. Family income and expenditures. Pacific region, part 1, family income. (Consumer purchases study—Urban and village series.) 1939.
- M 345. Family income and expenditures. Plains and Mountain Region, part 1, family income. (Consumer purchases study—Urban and village series.) 1939.
- M 356. Family income and expenditures. Pacific region and Plains and Mountain region, part 1, family income. (Consumer purchases study—Farm series.) 1939.
- M 370. Family income and expenditures. Middle Atlantic and North Central region and New England region, part 1, family income. (Consumer purchases study—Urban and village series.) 1940.
- M 375. Family income and expenditures. Southeast region, part 1, family income. (Consumer purchases study—Urban and village series.) 1940.
- M 383. Family income and expenditures. Middle Atlantic, North Central and New England regions, part 1, family income. (Consumer purchases study—Farm series.) 1940.
- M 396. Family income and expenditures. Five regions, part 2, family expenditures. 1940.
- M 402. Family expenditures for medical care. Five regions. (Consumer purchases study—Urban, village, farm.) 1941.
- M 405. Family food consumption and dietary levels. Five regions. (Consumer purchases study—Farm series.) 1941.
- M 415. Family expenditures for automobile and other transportation. Five regions. (Consumer purchases study—Urban, village, farm.) 1941.
- M 422. Family expenditures for clothing. Five regions. (Consumer purchases study—Urban and village series.) 1941.
- M 428. Family expenditures for clothing. Five regions. (Consumer purchases study—Farm series.) 1941.
- M 432. Family expenditures for housing and household operation. Five regions. (Consumer purchases study—Urban and village series.) 1941.
- M 436. Family expenditures for furnishings and equipment. Five regions. (Consumer purchases study—Urban, village, farm.) 1941.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Miscellaneous Publications—Continued

M 452. Family food consumption and dietary levels. Five regions. (Consumer purchases study—Urban and village series.) 1941.

M 455. Family expenditures for personal care, gifts, selected taxes and miscellaneous items. 1941.

M 456. Family expenditures for education, reading, recreation and tobacco. 1941.

M 457. Family expenditures for housing and household operation. Five regions. (Consumer purchases study—Farm series.) 1941.

M 464. Changes in assets and liabilities of families. Five regions. (Consumer purchases study—Urban, village, farm.) 1941.

M 465. Family income and expenditures. Five regions, part 2, family expenditures. (Consumer purchases study—Farm series.) 1941.

*M 653. How families use their incomes. 1948. 30¢. For sale only.

*M 666. Changes in rural family income and spending in Tennessee, 1943–1944. 1949. 25¢. For sale only.

*M 667. Potato preferences among household consumers. 1948. 25¢. For sale only.

*M 682. Potato preferences among restaurant and hotel buyers. 1949. 25¢. For sale only.

*M 704. Diets of families in the open country: A Georgia and an Ohio county, summer 1945. 1950. 25¢. For sale only.

*M 706. Men's preferences among selected clothing items. 1949. 40¢. For sale only.

Statistical Bulletins:

SB 89. Trends in the consumption of fibers in the United States, 1892–1948. 1950.

Technical Bulletins:

*T 963. Efficient use of food resources in the United States. 1948. 25¢. For sale only.

T 1033. Costs of manufacturing carded cotton yarn and means of improvement. 1951.

*T 1041. Prices of apparel wool. 1951. 20¢. For sale only.

*T 1073. Comparative utilization of energy by household electric and liquefied petroleum gas ranges, refrigerators, and water heaters. 1953. 20¢. For sale only.

Unnumbered:

Rural family living charts. (Annual.)

FOODS

Group Feeding

Agriculture Handbooks:

AH 11. Canning in glass jars in school and institutional kitchens: Fruits and other acid foods. 1951.

AH 16. Planning food for institutions. 1951.

*AH 16-S 1. Food purchasing guide for group feeding. 1951. 5¢. For sale only.

Circulars:

*C 856. Pea and bean huller for use in locker and community canning plants. 1950. 5¢. For sale only.

C 859. Evaluating school lunches and nutritional status of children.

Miscellaneous Publications:

M 544. Community canning centers. 1944; revised 1946.

*M 588. Instructions on processing for community frozen-food locker plants. 1946; revised 1948. 15¢. For sale only.

Program Aids:

PA 36. School lunch recipes using potatoes. 1948; slightly revised 1949.

PA 44. School lunch recipes using nonfat dry milk. 1948.

PA 45. Quantities of food for serving school lunches. 1947.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Program Aids—Continued

PA 50. A yardstick for school lunches. 1944; slightly revised 1948.
 PA 53. Estimating the cost of food for a school lunch. 1948.
 PA 57. School lunch recipes using dried fruits. 1948.
 PA 59. Small equipment for the school lunch. 1948.
 PA 60. Planning and equipping school lunchrooms. 1948.
 PA 61. Increasing the efficiency of the school lunch kitchen. 1948.
 PA 63. Storage for school lunch food and supplies. 1949.
 PA 68. School lunch recipes for 25 and 50. 1949.
 PA 92. Yeast and quick bread recipes for the school lunch. 1949.
 PA 105. Care of school lunch foods over summer months. 1950.
 PA 108. School lunch recipes using turkey. 1950.
 PA 133. Specifications for shelves and floor racks for the school lunch storeroom. 1950.
 PA 136. School lunch recipes—cooking with dried whole eggs. 1950.
 PA 238. Recipes for quantity service. (Food service X.) 1954.

Unnumbered:

A look at the school lunch storeroom. 1950.
 Refrigerated storage for school lunch programs. 1951.

Nutrition and Composition**Leaflets:**

L 268. Eat a good breakfast . . . to start a good day. 1944;
 slightly revised 1950.
 L 288. National food guide. 1950.
 *L 306. Food for two. 1951. 5¢. **For sale only.**

Agriculture Handbooks:

*AH 8. Composition of foods—raw, processed, prepared. 1950. 45¢
For sale only.
 *AH 29. Folic acid content of foods . . . microbiological assay by
 standardized methods and compilation of data from the
 literature. 1951. 45¢. **For sale only.**
 AH 34. Composition of foods used in Far Eastern countries. 1952.

Agriculture Information Bulletins:

AB 36. Food values in common portions. 1951.
 AB 51. Federal and state standards for the composition of milk products. 1953.
 *AB 56. Proceedings of National Food and Nutrition Institute, December 8, 9, 10, 1952, Washington, D. C. 1953. 65¢. **For sale only.**
 AB 112. Nutritive content of homemakers' meals, four cities, winter 1948. 1954.

Circulars:

*C 549. Proximate composition of American food materials. 1940.
 30¢. **For sale only.**
 *C 827. The breakfast meal in relation to blood-sugar values. 1949.
 15¢. **For sale only.**
 C 859. Evaluating school lunches and nutritional status of children. 1951.
 C 872. Cooking quality, specific gravity, and reducing-sugar content of early-crop potatoes. 1951.

Home and Garden Bulletins:

*G 1. Family fare: Food management and recipes. 1950. 25¢.
For sale only.
 G 5. Food for the family with young children. 1951.
 G 13. Food for families with school children. 1951.
 G 17. Food guide for older folks. 1952.
 GS 1. Nutrition . . . up-to-date, up to you. 1950.

Marketing Research Reports:

*MRR 65. Estimating the solids-not-fat content of milk. 1954. 10¢.
For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Miscellaneous Publications:

*M 628. Vitamin and mineral content of certain foods as affected by home preparation. 1948. 40¢. For sale only.

Technical Bulletins:

T 800. The effect of pasteurization of some constituents and properties of goat's milk. 1941; revised 1949.

*T 802. The vitamin A values of 128 foods as determined by the rat-growth method. 1941. 10¢. For sale only.

*T 821. Nutritive properties of lard and other shortenings. 1942. 5¢. For sale only.

T 906. Nutritive properties of pork protein and its supplemental value for bread protein. 1945.

T 926. Estimation of the composition of beef carcasses and cuts. 1946.

T 1023. Comparison of the 2, 6-dichlorophenolindophenol and 2, 4-dinitrophenylhydrazine methods with the Crampton bioassay for determining vitamin C values in foods. 1951.

T 1054. Palatability and nutritive value of home-canned chicken: Prepared by different methods for processing. 1952.

T 1055. The calcium content of commercial white bread. 1952.

T 1066. A survey of egg quality at two egg-laying tests. 1953.

*T 1077. Relationship of cooking methods, grades, and frozen storage to quality of cooked mature leghorn hens. 1954. 15¢. For sale only.

Yearbook Separates:

YS 2207. Sources and values of honey. 1951.

YS 2213. Fermented soy foods and sauce. 1951.

YS 2214. News of rice, an ancient staple. 1951.

Unnumbered:

*Survey of food and nutrition research in the United States of America, 1952-1953. 1954. \$1.75. For sale only.

Charts:

*Nutrition charts. Set of 10 charts. 18½ by 23½ inches. Colored. 1935; revised 1946. \$1.00 a set. Sold in sets only. For sale only.

1. Growth . . . a measure of good nutrition.
2. Food makes the difference in these twin rats.
3. Protein builds muscles, blood; is needed for growth.
4. Iron, needed by the body to build red blood.
5. Calcium builds bones, teeth, and is needed by all tissues of the body.
6. Vitamin A . . . needed for growth, healthy eyes, skin, and other tissues.
7. Thiamin (Vitamin B₁) . . . needed by body cells to use carbohydrates.
8. Riboflavin . . . promotes health by helping body cells use oxygen.
9. Ascorbic acid (Vitamin C) helps to build healthy gums, teeth, and bones.
10. Vitamin D . . . for well-formed bones, teeth, and to prevent rickets.

Posters:

*The basic seven . . . eat this way every day. 18½ by 23¼ inches. Colored. 1946. 10¢. For sale only.

Preparation and Recipes**Farmers' Bulletins:**

*F 1734. Making American cheese on the farm for home consumption. 1934. 10¢. For sale only.

F 1888. Poultry cooking. 1941.

*F 1977. Savory herbs: Culture and use. 1946. 10¢. For sale only.

F 1979. Making and storing farm butter for home use. 1946.

F 2011. Turkey on the table the year round. 1949; slightly revised 1950.

Leaflets:

L 34. Trichinosis: A disease caused by eating raw pork. 1929; slightly revised 1946.

L 74. Boning lamb cuts. 1931.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Leaflets—Continued

- L 177. The pasteurization of milk. 1939; slightly revised 1949.
- L 213. Sour cream: How to prepare and use it at home. 1941.
- L 261. Egg dishes for any meal. 1944; slightly revised 1946.
- L 262. Cheese in your meals. 1943.
- L 263. Recipes for evaporated apple rings. 1950.
- L 272. Green vegetables in everyday meals. 1950.
- L 275. How to use whole and nonfat dry milk. 1949.
- L 278. Tomatoes on your table. 1944; slightly revised 1950.
- L 279. Chicken in the freezer. 1948.
- L 293. Sweetpotato recipes. 1946.
- L 295. Potatoes in popular ways. 1944.
- L 305. Okra: Culture and use. 1951.
- L 312. Apples in appealing ways. 1951.
- L 326. Dry beans, peas, lentils . . . modern cookery. 1952.
- L 359. Kieffer pears for home use. 1954.

Agricultural War Information Series:

- W 34. Fats in wartime meals. 1943; slightly revised 1944.

Agriculture Handbooks:

- AH 54. Cheese varieties and descriptions. 1953.

Agriculture Information Bulletins:

- *AB 42. Use of fruits by Chicago bakers. 1951. **50¢. For sale only.**

Circulars:

- C 384. Making and using peanut butter. 1936; slightly revised 1950.

Home and Garden Bulletins:

- *G 1. Family fare: Food management and recipes. 1950. **25¢. For sale only.**
- G 27. Meat for thrifty meals. 1953.
- G 33. Root vegetables in everyday meals. 1953.
- G 35. Ways to cook rabbit. 1953.
- G 36. Peanut and peanut butter recipes. 1954.
- G 37. Honey . . . some ways to use it. 1953.
- G 43. Money saving main dishes. 1954.

Marketing Research Reports:

- *MRR 67. Homemakers' use of and opinions about fats and oils used in cooking. 1954. **50¢. For sale only.**

- *Suppl. to MRR 67. Homemakers' use of and opinions about fats and oils used in cooking. 1954. **\$1.00. For sale only.**

Miscellaneous Publications:

- *M 534. Soybeans and soybean products as food. 1943. **5¢. For sale only.**

- *M 628. Vitamin and mineral content of certain foods as affected by home preparation. 1948. **40¢. For sale only.**

Program Aids:

- PA 227. How to choose and use nonfat dry milk. 1953.

Technical Bulletins:

- T 1051. Development of rapid methods of soaking and cooking dry beans. 1952.

Charts:

- *Get acquainted with soya flour and grits. Set of 4 illustrated charts. 14½ by 20 inches. Colored. 1943. **20¢ a set. For sale only.**

Preservation**Farmers' Bulletins:**

- F 1186. Pork on the farm: Killing, curing, and canning. 1921; slightly revised 1949.

- F 1415. Beef on the farm: Slaughtering, cutting, curing. 1924.

- *F 1800. Home-made jellies, jams, and preserves. 1938; slightly revised 1945. **10¢. For sale only.**

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Farmers' Bulletins—Continued

F 1807. Lamb and mutton on the farm. 1938.
 F 1932. Preservation of vegetables by salting or brining. 1943; revised 1944.
 *F 1939. Home storage of fruits and vegetables. 1943; slightly revised 1943. **10¢. For sale only.**
 F 1979. Making and storing farm butter for home use. 1946.

Leaflets:

L 269. Pickle and relish recipes. 1944; slightly revised 1950.
 L 273. Curing pork country style. 1944.
 L 278. Tomatoes on your table. 1944; slightly revised 1950.
 L 279. Chicken in the freezer. 1948.

Agriculture Handbooks:

*AH 2. Procedures for home freezing of vegetables, fruits, and prepared foods. Classified notes on review of literature. 1950. **50¢. For sale only.**
 AH 44. Canning in glass jars in community canning centers. 1952.

Circulars:

C 709. Freezing to preserve home-grown foods. 1945.
 *C 856. Pea and bean huller for use in locker and community canning plants. 1950. **5¢. For sale only.**
 C 897. Pasteurization of liquid whole egg under commercial conditions to eliminate *Salmonella*. 1951.
 C 932. An analysis of commercial frozen egg products. 1953.
 C 941. Handling and commercial utilization of the Kieffer pear. 1954.

Home and Garden Bulletins:

G 6. Home canning of meat. 1945; revised 1951.
 G 8. Home canning of fruits and vegetables. 1947.
 G 10. Home freezing of fruits and vegetables. 1951.
 G 15. Freezing meat and poultry products for home use. 1951.
 G 30. Pressure canners . . . use and care. 1953.

Miscellaneous Publications:

M 524. Commercial dehydration of vegetables and fruits in wartime. 1943.
 M 544. Community canning centers. 1946.
 M 647. Experimental compression of dehydrated foods. 1948.
 *M 687. Home freezers—their selection and use. 1949. **10¢. For sale only.**

Technical Bulletins:

T 947. Bacteriological changes during the fermentation of certain brined and salted vegetables. 1947.

Yearbook Separates:

*YS 1450. Rancidity in foods delayed by excluding certain wave lengths of light. 1934. **5¢. For sale only.**
 YS 2175. Basic methods of processing food. 1951.
 YS 2192. Our second largest food group. 1951.
 YS 2193. Nine principles for freezing vegetables. 1951.
 YS 2194. The art of drying vegetables. 1951.
 YS 2195. Advances in cucumber pickling. 1951.
 YS 2204. Preservation of fruits by freezing. 1951.
 YS 2259. Improving frozen and dried eggs. 1951.

Miscellaneous:

M 5241. Handling your big game kill. 1938; revised 1947.

HOME MANAGEMENT**Farmers' Bulletins:**

F 1460. Simple plumbing repairs in the home. 1925; slightly revised 1948.
 F 1523. Leather shoes . . . Selection and care. 1927; revised 1952.
 *F 1865. Closets and storage spaces. 1940. **15¢. For sale only.**

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Farmers' Bulletins—Continued

F 1944. Sewing machines—cleaning and adjusting. 1943.
 F 1960. Carpet and rug repair. 1944.

Leaflets:

L 56. Preventing cracks in new wood floors. 1930; revised 1952.
 L 69. Preservation of leather bookbindings. 1930; slightly revised 1933.
 *L 123. The farmer's share of the consumer's food dollar. 1937; revised 1946. **5¢. For sale only.**
 L 264. Know your butter grades. 1949.
 L 288. National food guide. 1950.
 *L 306. Food for two. 1951. **5¢. For sale only.**
 L 310. U. S. grades for beef. 1951.
 L 321. What to do when your home freezer stops. 1952.
 L 322. Preventing and removing mildew . . . home methods. 1952.

Agricultural Information Series:

IS 56. How to choose and use your refrigerator. 1946.

Agricultural War Information Series:

*W 19. Take care of vacuum cleaners and carpet sweepers. 1943. **5¢. For sale only.**

Agriculture Handbooks:

AH 11. Canning in glass jars in school and institutional kitchens: Fruits and other acid foods. 1951.

Agriculture Information Bulletins:

*AB 32. Tomatoes . . . facts for consumer education. 1951. **10¢. For sale only.**
 *AB 54. Peaches . . . facts for consumer education. 1951. **10¢. For sale only.**
 *AB 84. Beef . . . facts for consumer education. 1952. **15¢. For sale only.**
 *AB 92. The inspection stamp as a guide to wholesome meat. 1952. **10¢. For sale only.**
 *AB 109. Pork . . . facts for consumer education. 1954. **15¢. For sale only.**
 *AB 125. Milk and its products . . . facts for consumer education. 1954. **25¢. For sale only.**

Circulars:

*C 489. Selection, installation, finish, and maintenance of wood floors for dwellings. 1938. **15¢. For sale only.**

Home and Garden Bulletins:

*G 1. Family fare: Food management and recipes. 1950. **25¢. For sale only.**
 G 2. Pots and pans for your kitchen. 1950.
 G 5. Food for the family with young children. 1951.
 G 12. Your farmhouse . . . planning the kitchen and workroom. 1951.
 G 13. Food for families with school children. 1951.
 G 14. A step-saving U kitchen. 1951.
 G 16. Buying sweaters for the family. 1952.
 G 17. Food guide for older folks. 1952.
 G 18. Easy-to-build kitchen cabinets for the remodeled farmhouse. 1952.
 G 19. Your farmhouse . . . planning the bathroom. 1952.
 G 21. A fruit and vegetable buying guide for consumers. 1952.
 *G 22. Your farmhouse . . . cut-outs to help in planning. 1952. **30¢. For sale only.**
 G 30. Pressure canners . . . use and care. 1953.
 G 31. Buying women's coats and suits. 1954.
 G 34. Poultry buying guides for consumers. 1953.
 G 38. Buying your home sewing machine. 1954.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Miscellaneous Publications:

- *M 460. The ABC of canned fruit and vegetable labeling. 1941. **5¢.**
For sale only.
- M 553. A consumers' guide to U. S. standards for farm products. 1944; revised 1947.
- M 565. Outline of suggested specifications for purchasing processed fruits and vegetables. 1945.
- M 619. Your farmhouse . . . how to plan remodeling. 1947.
- M 661. Guiding family spending. 1949.
- *M 662. Helping families plan food budgets. 1948; slightly revised 1950. **15¢. For sale only.**
- *M 687. Home freezers—their selection and use. 1949. **10¢. For sale only.**
- M 688. Buying men's suits. 1949.

Program Aids:

- *PA 186. Posture in housework. 1951. **20¢. For sale only.**

Technical Bulletins:

- *T 1088. Home washing machines—operating characteristics and factors affecting performance. 1954. **15¢. For sale only.**

Unnumbered:

- *Farm family account book. 1935. **45¢. For sale only.**
- *Farm family record book. 1947; revised 1953. **25¢. For sale only.**

Posters:

- Know the eggs you buy. 30 by 45 inches. Colored. 1948; revised 1949.
- Know the eggs you buy. Folder, opens to size 11 $\frac{3}{4}$ by 17 $\frac{1}{2}$ inches. Colored (PA 70.) 1948.
- Know the poultry you buy. 30 by 45 inches. Colored. 1952.
- Know the poultry you buy. Folder, opens to size 11 $\frac{3}{4}$ by 16 $\frac{3}{4}$ inches. Colored. (PA 170.) 1952.
- U. S. consumer grades for potatoes. 30 by 45 inches. Black, white, and red. 1950.

HOUSEHOLD INSECTS**Farmers' Bulletins:**

- *F 1911. Preventing damage to buildings by subterranean termites and their control. 1942; revised 1949. **15¢. For sale only.**
- F 1993. Decay and termite damage in houses. 1948; revised 1951.
- F 2018. Control of nonsubterranean termites. 1950.

Leaflets:

- L 144. Cockroaches and their control. 1937; revised 1950.
- L 149. Silverfish. 1937; revised 1946.
- *L 152. How to control fleas. 1937; revised 1946. **5¢. For sale only.**
- L 182. House fly control. 1939; revised 1950.
- L 186. Domestic mosquitoes. 1939; revised 1951.
- *L 189. Psocids, annoying house pests. 1939. **5¢. For sale only.**
- *L 235. Preventing insect damage in home-dried fruits. 1943. **5¢. For sale only.**
- L 337. Bed bugs: How to control them. 1953.

Alaska Agricultural Experiment Station Circulars:

- *AESC 9. Insects of agricultural and household importance in Alaska with suggestions for their control. 1949. **20¢. For sale only.**

Home and Garden Bulletins:

- G 24. Clothes moths and carpet beetles: How to combat them. 1953.
- G 28. Ants in the home and garden: How to control them. 1953.

Yearbook Separates:

- YS 2361. Household insects. 1952.
- YS 2363. The control of insects affecting man. 1952.

Unnumbered:

- DDT . . . for control of household pests. 1947.

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INSECTS

Control and Prevention

Farmers' Bulletins:

- *F 739. Cutworms and their control in corn and other cereal crops. 1916; slightly revised 1946. **5¢. For sale only.**
- F 891. The corn root-aphid and methods of controlling it. 1917; revised 1949.
- F 909. Cattle lice and how to eradicate them. 1918; revised 1953.
- F 950. The southern corn rootworm and farm practices to control it. 1918; revised 1940.
- F 971. The control of the clover-flower midge. 1918; slightly revised 1947.
- F 980. The spinose ear tick and methods of treating infested animals. 1918; revised 1953.
- *F 1025. The larger corn stalk-borer. 1919; revised 1933. **5¢. For sale only.**
- F 1085. Hog lice and hog mange: Methods of control and eradication. 1920; revised 1952.
- F 1246. The peach borer: How to prevent or lessen its ravages; the paradichlorobenzene treatment. 1921; slightly revised 1943.
- F 1260. Stored-grain pests. 1922; revised 1953.
- F 1323. The wheat strawworm and its control. 1923; revised 1953.
- F 1484. The clover leaf weevil and its control. 1926; slightly revised 1949.
- F 1494. Tobacco cutworms and their control. 1926; slightly revised 1949.
- F 1503. The horse bots and their control. 1926; slightly revised 1941.
- F 1531. The tobacco budworm and its control. 1927; revised 1953.
- *F 1548. The European corn borer: Its present status and methods of control. 1927; revised 1948. **15¢. For sale only.**
- F 1566. The sorghum midge, with suggestions for control. 1928; revised 1953.
- *F 1582. Protection of log cabins, rustic work, and unseasoned wood from injurious insects. 1929; slightly revised 1943. **10¢. For sale only.**
- F 1596. Cattle grubs or heel flies, with suggestions for their control. 1929; revised 1949.
- F 1624. The Mexican bean beetle in the East and its control. 1930; revised 1953.
- F 1627. The hessian fly and how losses from it can be avoided. 1930; revised 1953.
- F 1642. Chalcid control in alfalfa-seed production. 1931.
- F 1651. The corn earworm as an enemy of field corn in the Eastern States. 1931; revised 1953.
- F 1668. The red harvester ant and how to subdue it. 1931; revised 1953.
- F 1780. How to fight the chinch bug. 1937; revised 1951.
- F 1798. Control of common white grubs in cereal and forage crops. 1938; revised 1953.
- F 1824. The Black Hills beetle, a serious enemy of Rocky Mountain pines. 1939.
- F 1829. Insects and diseases of the pecan and their control. 1940; revised 1954.
- F 1850. The armyworm and its control. 1940; slightly revised 1951.
- F 1861. Insect pests of the peach. 1941; revised 1954.
- F 1863. The turnip aphid in the Southern States and methods for its control. 1941.
- F 1866. Wireworms and their control on irrigated lands. 1941; revised 1954.
- *F 1880. Control of insect pests of grain in elevator storage. 1941. **10¢. For sale only.**
- F 1893. Control of grape diseases and insects in eastern United States. 1942; revised 1951.
- F 1895. Land slugs and snails and their control. 1942; revised 1951.

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Farmers' Bulletins—Continued

F 1906. Insect pests of stored rice and their control. 1942; slightly revised 1947.

*F 1911. Preventing damage to buildings by subterranean termites and their control. 1942; revised 1949. **15¢. For sale only.**

*F 1928. Mormon crickets and their control. 1943. **10¢. For sale only.**

F 1945. The pea aphid on peas and methods for its control. 1943; revised 1952.

F 1971. The pea weevil and methods for its control. 1946; revised 1952.

F 1990. Habits and control of the fall armyworm. 1950.

F 1993. Decay and termite damage in houses. 1948; revised 1951.

F 2004. Controlling the Japanese beetle. 1949; slightly revised 1952.

F 2012. Control of the citrus rust mite. 1950.

F 2018. Control of nonsubterranean termites. 1950.

F 2040. Control of potato insects. 1952.

F 2057. The sheep tick and its eradication. 1953.

F 2064. Grasshoppers: A new look at an ancient enemy. 1954.

Leaflets:

L 108. Controlling kidney worms in swine in the Southern States. 1934; slightly revised 1939.

L 121. The sweetpotato weevil and how to control it. 1937; revised 1954.

L 144. Cockroaches and their control. 1937; revised 1950.

L 149. Silverfish. 1937; revised 1946.

*L 152. How to control fleas. 1937; revised 1946. **5¢. For sale only.**

L 161. The eastern tent caterpillar. 1938; slightly revised 1949.

L 182. House fly control. 1939; revised 1950.

L 183. Cankerworms. 1939; revised 1953.

L 184. The elm leaf beetle. 1939; revised 1952.

L 185. Elm bark beetles. 1939.

L 186. Domestic mosquitoes. 1939; revised 1951.

*L 189. Psocids, annoying house pests. 1939. **5¢. For sale only.**

L 195. Mealworms. 1940; revised 1954.

L 207. Controlling gapeworms in poultry. 1941.

L 212. The sand wireworm. 1941.

L 226. The pepper weevil. 1942; revised 1951.

L 229. The potato leafhopper: A pest of alfalfa in the Eastern States. 1942; revised 1952.

*L 235. Preventing insect damage in home dried fruit. 1943. **5¢. For sale only.**

L 236. Preventing damage to commercial dried fruits by the raisin moth. 1943.

L 237. Control of mole crickets by use of poisoned baits. 1943; revised 1953.

L 274. Control of apple tree borers. 1950.

L 283. Fly control on dairy cattle and in dairy barns. 1950.

L 284. Protect your garden corn from earworms. 1950; slightly revised 1952.

L 290. Protection of turf from damage by Japanese beetle grubs. 1950.

L 291. Horn fly control on beef cattle. 1950.

L 296. The redheaded pine sawfly. 1951.

L 302. Chigger control. 1951.

L 304. Control of the garden webworm in alfalfa. 1951.

L 308. Control of lice and sheep ticks on sheep and goats. 1951.

L 309. Preventing greenbug outbreaks. 1951.

L 316. Control of hog lice. 1951.

L 319. Control of lice on cattle. 1951.

L 324. Soil treatment an aid in termite control. 1952.

L 325. Control of the alfalfa caterpillar. 1952.

L 336. Control of hornworms on tobacco. 1953.

L 338. Stable flies: How to control them. 1953.

L 339. The pink bollworm: How we fight it. 1953.

Leaflets—Continued

- L 340. The periodical cicada. 1953.
- L 341. The meadow spittlebug: How to control it. 1953.
- L 345. Insects in farm-stored wheat: How to control them. 1953.
- L 348. The velvetbean caterpillar: How to control it. 1953.
- L 350. The imported fire ant: How to control it. 1954.
- L 358. Powder-post beetles in buildings: What to do about them. 1954.
- L 361. The golden nematode of potatoes and tomatoes. 1954.
- L 362. The sugarcane beetle on corn in the southern states. 1954.
- L 363. The southern cornstalk borer. 1954.
- L 364. Chinch bugs: How to control them. 1954.
- L 365. Wasps: How to control them. 1954.
- L 366. Poultry lice: How to control them. 1954.
- L 367. The tomato fruitworm: How to control it. 1954.

Agriculture Information Bulletins:

- AB 121. Fighting our insect enemies: Achievements of professional entomology, 1854–1954. 1954.

Alaska Agricultural Experiment Station Circulars:

- *AESC 9. Insects of agricultural and household importance in Alaska with suggestions for their control. 1949. **20¢. For sale only.**

Circulars:

- C 270. Orchard insects of the Pacific Northwest and their control. 1933; revised 1950.
- C 386. The wax moth and its control. 1936; revised 1942.
- *C 457. Mushroom pests and their control. 1938; revised 1941. **15¢. For sale only.**
- C 647. Toxic and repellent sprays for the control of elm bark beetles. 1942.
- *C 657. Mineral-oil treatment of sweet corn for earworm control. 1942. **5¢. For sale only.**
- C 664. The mountain pine beetle, an important enemy of western pines. 1943.
- C 687. The hessian fly and its control by late sowing of wheat in Oklahoma and Arkansas. 1943.
- C 732. The wheat midge in the Pacific Northwest. 1945.
- C 813. Reducing grasshopper damage by regrassing weedy roadsides and fence rows. 1949.
- *C 817. The Douglas-fir beetle. 1950. **10¢. For sale only.**
- *C 828. Scraping and banding apple trees as a supplementary codling moth control measure in the Pacific Northwest. 1949. **10¢. For sale only.**
- C 842. Damage to guayule by insects and mites with notes on control. 1950.
- *C 850. White-fringed beetles and how to combat them. 1950. **10¢. For sale only.**
- C 864. The western pine beetle: A serious enemy of ponderosa pine. 1951.
- C 869. Control of insects in stored and manufactured tobacco. 1951.
- C 878. Pests of sugarcane and their control. 1951.
- C 896. Control of the purple scale on citrus with parathion. 1952.
- *C 903. Stink bugs on seed alfalfa in southern Arizona. 1952. **10¢. For sale only.**
- C 920. The Hall scale eradication project. 1953.

Home and Garden Bulletins:

- G 23. Vegetable gardeners' handbook on insects and diseases. 1953.
- G 24. Clothes moths and carpet beetles: How to combat them. 1953.
- G 28. Ants in the home and garden: How to control them. 1953.
- G 29. Cutworms in the garden: How to control them. 1953.

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Miscellaneous Publications:

- *M 273. Insect enemies of western forests. 1938; revised 1952. **\$1.00.**
For sale only.
- *M 484. Cotton or boll weevils. 1942. **10¢.** **For sale only.**
- *M 626. Handbook on insect enemies of flowers and shrubs. 1948. **45¢.** **For sale only.**
- *M 657. Insect enemies of eastern forests. 1950. **\$2.75.** **For sale only.**
- *Suppl. to M 657. Index to insects by host plants. 1953. **15¢.** **For sale only.**

Picture Sheets:

- PS 1. Tomato hornworms. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1937.
- PS 2. Mexican bean beetle. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1937.
- PS 3. Colorado potato beetle. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1937; revised 1949.
- PS 4. Japanese beetle. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1939; revised 1951.
- PS 5. Harlequin bug. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1940; revised 1950.
- *PS 6. Gladiolus thrips. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1941; revised 1950. **5¢.** **For sale only.**
- PS 7. Striped cucumber beetle. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1941; revised 1950.
- PS 8. Potato leafhopper. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1941; revised 1951.
- PS 9. Imported cabbage worm. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1941; revised 1951.
- PS 10. Squash borer. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1941.
- PS 11. Corn earworm. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1941; revised 1950.
- *PS 12. Fall armyworm. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1941; revised 1950. **5¢.** **For sale only.**
- PS 13. Tomato fruitworm. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1941; revised 1950.
- PS 14. European corn borer. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1945; revised 1948.
- PS 15. Boll weevil. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1946.
- PS 16. Bollworm. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1946; revised 1949.
- PS 17. Cotton aphid. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1946; revised 1949.
- PS 18. Cotton flea hopper. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1946; revised 1949.
- PS 19. Cotton leafworm. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1946; revised 1949.
- PS 20. Red spider. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1946; revised 1949.
- PS 21. Pink bollworm. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1948.
- PS 24. White-fringed beetles. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1949.
- PS 26. Gypsy moth. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1950.
- PS 27. Chinch bug. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1953.

Program Aids:

- PA 149. Grasshopper control. 1951; revised 1953.

Puerto Rico Federal Experiment Station Bulletins:

- *PRB 45. Life history, habits, and control of the coconut rhinoceros beetle in Puerto Rico. 1948. **15¢.** **For sale only.**
- *PRB 46. Insect and other animal pests of *Cinchona* and their control in Puerto Rico. 1949. **10¢.** **For sale only.**
- *PRB 48. Studies of factors influencing attack and control of the bamboo powder-post beetle. 1950. **15¢.** **For sale only.**

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Technical Bulletins:

- *T 905. Biology and control of the American dog tick. 1946. 25¢. **For sale only.**
- T 980. Comparative studies of three soil fumigants for wireworm control. 1949.
- T 1045. Evaluation of fumigants for control of insects attacking wheat and corn in steel bins. 1951.

Yearbook Separates:

- YS 2329. Residues on fruits and vegetables. 1952.
- YS 2335. Mosquitoes and DDT. 1952.
- YS 2339. How insects gain entry. 1952.
- YS 2340. An agricultural "Ellis Island." 1952.
- YS 2341. Our domestic quarantines. 1952.
- YS 2342. Inspection in transit. 1952.
- YS 2349. Cold treatment of fruits. 1952.
- YS 2350. Traps have some value. 1952.
- YS 2351. Radiant energy and insects. 1952.
- YS 2353. Resistant crops, the ideal way. 1952.
- YS 2354. Good farming helps control insects. 1952.
- YS 2356. Surveys of insect pests. 1952.
- YS 2362. Mosquitoes. 1952.
- YS 2364. Progress in research on cotton insects. 1952.
- YS 2365. The boll weevil. 1952.
- YS 2366. The pink bollworm. 1952.
- YS 2367. The bollworm. 1952.
- YS 2368. The potato psyllid. 1952.
- YS 2369. Potato aphids. 1952.
- YS 2370. Sweetpotato weevil. 1952.
- YS 2371. The pea weevil. 1952.
- YS 2372. The pea aphid. 1952.
- YS 2374. The Oriental fruit fly. 1952.
- YS 2375. The Mexican fruit fly. 1952.
- YS 2376. Spider mites, insects, and DDT. 1952.
- YS 2377. The Japanese beetle. 1952.
- YS 2378. Off limits for beetles. 1952.
- YS 2380. Grasshoppers. 1952.
- YS 2381. The Mormon cricket. 1952.
- YS 2382. White-fringed beetle. 1952.
- YS 2383. The chinch bug. 1952.
- YS 2384. The European corn borer. 1952.
- YS 2386. Insect pests of stored grains and seed. 1952.
- YS 2388. Spider mites and resistance. 1952.
- YS 2389. Flies on livestock. 1952.
- YS 2391. Screw-worms. 1952.
- YS 2392. Cattle grubs. 1952.

Insecticides

Farmers' Bulletins:

- F 2062. How to spray the aircraft way. 1954.

Agriculture Handbooks:

- *AH 69. Chemicals evaluated as insecticides and repellents at Orlando, Fla. 1954. \$2.25. **For sale only.**

Circulars:

- *C 926. Effect of soil applications of insecticides on the growth and yield of vegetable crops. 1953. 10¢. **For sale only.**

Puerto Rico Federal Experiment Station Bulletins:

- *PRB 49. Insecticidal properties of some plants growing in Puerto Rico. 1950. 10¢. **For sale only.**

Technical Bulletins:

- *T 976. European corn borer location on the corn plant as related to insecticidal control. 1949. 10¢. **For sale only.**
- T 1034. Effect on truck crops of DDT applied to the foliage. 1951.

Technical Bulletins—Continued

- *T 1047. Effect of soil treatments with DDT, benzene hexachloride, and toxaphene on tobacco, cotton, and cowpeas. 1951. **15¢. For sale only.**
- T 1090. Persistence of BHC, DDT, and toxaphene in soil and the tolerances of certain crops to their residues. 1954.

Yearbook Separates:

- YS 2277. Estimate of the major uses of nicotine in the United States in terms of 40-percent nicotine sulfate equivalent. 1952.
- YS 2312. Can insects be eradicated? 1952.
- YS 2315. How insecticides poison insects. 1952.
- YS 2316. The organic insecticides. 1952.
- YS 2319. Oil sprays for fruit trees. 1952.
- YS 2324. Machines for applying insecticides. 1952.
- YS 2326. The safe use of insecticides. 1952.
- YS 2327. Toxicity to livestock. 1952.
- YS 2328. Residues, soils, and plants. 1952.
- YS 2332. Insecticides and the pure food law. 1952.
- YS 2334. Insecticides and flies. 1952.
- YS 2337. Fumigating soils and plants. 1952.
- YS 2338. Fumigating stored foodstuffs. 1952.
- YS 2357. The insecticide industry. 1952.
- YS 2404. Insecticides. 1952.

Unnumbered:

- DDT . . . for control of household pests. 1947.

Life Histories and Studies**Agriculture Handbooks:**

- *AH 46. Mosquitoes of the Northwestern States. 1952. **35¢. For sale only.**
- AH 65. 4-H club insect manual. 1954.

Agriculture Monographs:

- *AM 2. Hymenoptera of America north of Mexico. Synoptic catalog. 1951. **\$4.00. For sale only.**

Circulars:

- C 643. Owlet moths (Phalaenidae) taken at light traps in Kansas and Nebraska. 1942.
- C 813. Reducing grasshopper damage by regrasssing weedy roadsides and fence rows. 1949.
- *C 815. Alfalfa weevil distribution and crop damage in the United States. 1949. **10¢. For sale only.**
- *C 817. The Douglas-fir beetle. 1950. **10¢. For sale only.**
- *C 846. Date palm insects in the United States. 1950. **25¢. For sale only.**
- C 849. Cutworms, armyworms, and related species attacking cereal and forage crops in the central Great Plains. 1950.

Miscellaneous Publications:

- *M 273. Insect enemies of western forests. 1938; revised 1952. **\$1.00. For sale only.**
- *M 601. Collection and preservation of insects. 1946. **15¢. For sale only.**
- M 631. The flies that cause myiasis in man. 1947.
- *M 635. The North American species of whiteflies of the genus *Trialeurodes*. 1948. **25¢. For sale only.**
- *M 657. Insect enemies of eastern forests. 1950. **\$2.75 For sale only.**
- *Suppl. to M657. Index to insects by host plants. 1953. **15¢. For sale only.**
- M 698. A revision of the North American species of beetles belonging to the family *Bostrichidae*. 1950.

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Puerto Rico Federal Experiment Station Bulletins:

- *PRB 45. Life history, habits, and control of the coconut rhinoceros beetle in Puerto Rico. 1948. 15¢. For sale only.
- *PRB 46. Insect and other animal pests of *Cinchona* and their control in Puerto Rico. 1949. 10¢. For sale only.

Technical Bulletins:

- *T 447. The pepper weevil. 1934. 10¢. For sale only.
- T 898. Susceptibility of certain strains of field corn in hybrid combinations to damage by corn earworms. 1945.
- *T 905. Biology and control of the American dog tick. 1946. 25¢. For sale only.
- *T 975. Field studies of the alfalfa weevil and its environment. 1949. 20¢. For sale only.
- *T 977. Studies of the diapause in the pink bollworm in Puerto Rico. 1949. 10¢. For sale only.
- T 980. Comparative studies of three soil fumigants for wireworm control. 1949.
- *T 987. Temperature and precipitation in relation to the number of generations of European corn borer in the United States. 1949. 10¢. For sale only.
- *T 994. Biology of the raisin moth. 1949. 10¢. For sale only.
- *T 1004. Further differentiation of genetic factors in wheat for resistance to the hessian fly. 1950. 5¢. For sale only.
- *T 1030. Dissemination of the beet leafhopper in California. 1951. 25¢. For sale only.
- T 1039. Effect of winter cover crops on wireworm injury to the dry lima bean crop. 1951.
- T 1052. Classification of the *Ortheziidae*: Supplement to classification of scale insects of the subfamily *Ortheziinae*. 1952.
- *T 1060. May beetles of the United States and Canada. 1953. 60¢. For sale only.
- T 1093. Parasitic wasps of the *Catolaccus* group in the Americas. 1954.

Yearbook Separates:

- YS 2290. How many insects are there? 1952.
- YS 2291. Oddities of the insect world. 1952.
- YS 2292. Fossil insects. 1952.
- YS 2295. How insects choose their food plants. 1952.
- YS 2302. Pollination by native insects. 1952.
- YS 2306. Losses caused by insects. 1952.
- YS 2309. Insects and helminths. 1952.
- YS 2310. Insects and the plant viruses. 1952.
- YS 2311. Insects, bacteria, and fungi. 1952.
- YS 2339. How insects gain entry. 1952.
- YS 2373. The beet leafhopper. 1952.
- YS 2397. Insects and the lower vertebrates. 1952.
- YS 2398. Some insect pests of wildlife. 1952.

Parasites and Predators**Agriculture Monographs:**

- *AM 2. Hymenoptera of America north of Mexico. Synoptic catalog. 1951. \$4.00. For sale only.

Circulars:

- *C 346. Insect parasites and predators of insect pests. 1935.
- *C 818. Use of the parasite *Trichogramma minutum* for controlling pecan insects. 1949. 10¢. For sale only.
- *C 923. Parasites of the hessian fly in the North Central States. 1953. 5¢. For sale only.

Technical Bulletins:

- T 983. Biological control of the European corn borer in the United States. 1949.
- *T 1011. Parasites of the pecan nut casebearer in Texas. 1950. 10¢. For sale only.

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Technical Bulletins—Continued

T 1016. Vegetable weevils and their natural enemies in Argentina and Uruguay. 1950.
 T 1036. Parasites of the lima-bean pod borer in Europe. 1951.

Yearbook Separates:

YS 2344. Insects, enemies of insects. 1952.
 YS 2345. Parasites and predators. 1952.

Bees**Farmers' Bulletins:**

F 961. Transferring bees to modern hives. 1918; revised 1932.
 *F 1713. The treatment of American foulbrood. 1933. 5¢. **For sale only.**

Circulars:

C 386. The wax moth and its control. 1936; revised 1942.
 *C 554. Honey and pollen plants of the United States. 1939. 20¢.
For sale only.
 C 702. Productive management of honeybee colonies in the Northern States. 1944.
 C 876. Use of honey bees in alfalfa seed production. 1951.

Yearbook Separates:

YS 2301. Honey bees as agents of pollination. 1952.

MARKETS AND MARKETING**GENERAL****Agriculture Information Bulletins:**

*AB 31. The check-out operation in self-service retail food stores. 1951. 40¢. **For sale only.**
 *AB 35. Customers across the border: The farmer's stake in United States-Canadian trade. 1951. 5¢. **For sale only.**
 AB 55. The comparative efficiency of various arrangements of railroad tracks at stores in wholesale produce markets. 1951.
 *AB 60. Marketing facilities for farm and related products at San Juan, Puerto Rico. 1951. 75¢. **For sale only.**
 AB 104. United Kingdom market for United States agricultural products. 1953.

Yearbook Separates:

*YS 1754. Standardization and inspection of farm products. 1940. 10¢.
For sale only.

CROPS**Farmers' Bulletins:**

F 1291. Preparation of fresh tomatoes for market. 1922; revised 1948.
 F 1560. Preparing strawberries for market. 1928; revised 1950.
 F 1702. Preparing peaches for market. 1933; revised 1951.
 F 1763. Harvesting and handling citrus fruits in the Gulf States. 1937; revised 1950.
 F 1770. High-grade timothy and clover hay: Methods of producing, baling, and loading for market. 1937; revised 1952.
 F 2013. Containers in common use for fresh fruits and vegetables. 1950.

Leaflets:

L 72. Measuring hay in stacks. 1931.
 L 298. Grading soft red winter wheat at country points. 1950.
 L 318. 7 questions to ask when you buy or sell shelled corn by grade. 1952.

Agriculture Handbooks:

AH 59. Grain grading primer. 1953.

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Agriculture Information Bulletins:

- *AB 6. Farm-to-retail margins for Washington Delicious apples marketed in Chicago, 1947-48 season. 1949. 15¢. **For sale only.**
- *AB 15. Rice preferences among household consumers. 1950. 30¢. **For sale only.**
- *AB 28. Market diseases of tomatoes, peppers, and eggplants. 1952. 40¢. **For sale only.**
- AB 29. Prepackaging apples at point of production. 1951. 30¢. **For sale only.**
- AB 39. The grading of cottonseed. 1951.
- AB 44. Farm-to-retail margins from Appalachian apples marketed in Pittsburgh, 1949-50 season. 1951.
- AB 47. Marketing charges for apples sold in Pittsburgh, December 1949-May 1950. 1951.
- AB 48. Competitive relationships between sugar and corn sweeteners. 1951.
- AB 50. Consumers' use of and opinions about citrus products. 1951.
- AB 79. Cottonseed oil mill characteristics and marketing practices. 1951.
- *AB 80. Some improved methods for receiving bales of cotton in compresses and warehouses. 1952. 30¢. **For sale only.**
- AB 82. Marketing industrial molasses. 1951.
- AB 103. Cottonseed oil mills: Their comparative efficiencies and effects on prices and producers' returns. 1953.
- *AB 114. Highlights of potato marketing. 1953. 20¢. **For sale only.**

Bibliographical Bulletins:

- B 11. Handling, storage, transportation, and utilization of potatoes: A digest of information on the subject published mostly from 1938 to 1948. 1949.
- B 21. Handling, transportation, storage, and marketing of peaches: A digest of recent contributions to the knowledge of physical and biological phases of the subject. 1952.

Circulars:

- C 736. The packaging of American cotton and methods for improvement. 1945.
- *C 744. Handling and shipping early potatoes. 1946. 15¢. **For sale only.**
- *C 759. Coordinated management for harvesting, storing and marketing Northwest apples. 1947. 10¢. **For sale only.**
- *C 773. Spoilage of fresh fruits and vegetables in rail shipments unloaded at New York City, 1935-42. 1948. 15¢. **For sale only.**
- *C 921. The test weight per bushel of grain: Methods of use and calibration of the apparatus. 1953. 10¢. **For sale only.**

Home and Garden Bulletins:

- G 21. A fruit and vegetable buying guide for consumers. 1952.

Marketing Research Reports:

- MRR 2. Transportation and handling costs of selected fresh fruits and vegetables in the San Francisco Bay terminal market area. 1952.
- MRR 3. Eating places as marketers of food products. 1952.
- MRR 4. Marketing charges for head lettuce sold in Pittsburgh, Pa., December 1949-June 1950. 1952.
- MRR 5. Marketing charges for potatoes sold in Pittsburgh, Pa., December 1949-June 1950. 1952.
- MRR 6. Marketing charges for head lettuce sold in Cleveland, Ohio, February-June 1950. 1952.
- *MRR 7. Some improved methods of handling groceries in self-service retail food stores. 1952. 55¢. **For sale only.**
- *MRR 9. Flue-cured tobacco: Price differences among types 11 (a)-13. 1952. 10¢. **For sale only.**

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Marketing Research Reports—Continued

- *MRR 10. Tung processing and marketing practices and costs. 1952. **20¢. For sale only.**
- MRR 12. How some wholesale grocers build better retailers. 1952.
- MRR 13. Methods of handling and delivering orders used by some leading wholesale grocers. 1952.
- MRR 15. An analysis of some methods of loading out delivery trucks of produce wholesalers. 1952.
- MRR 16. Peanuts and their uses for food. 1952.
- MRR 17. Farmers' produce markets in the United States. Part III. Shipping point fruit and vegetable markets. 1952.
- MRR 18. Planning a wholesale frozen food distribution plant. 1952.
- *MRR 19. Retail market news as an aid in marketing. 1952. **\$1.00. For sale only.**
- *MRR 20. Prepackaging tomatoes. 1952. **30¢. For sale only.**
- MRR 21. Marketing charges for potatoes sold in Cleveland, Ohio, February—June 1950. 1952.
- MRR 27. Marketing charges for oranges sold in Pittsburgh and Cleveland, 1949—50 season. 1953.
- MRR 30. Better utilization of selling space in food stores. Part I. Relation of size of shelf display to sales of canned fruits and vegetables. 1952.
- MRR 31. Marketing charges for carrots sold in Pittsburgh, Pa., Dec. 1949—June 1950 and in Cleveland, Ohio, Feb.—June, 1950. 1953.
- MRR 34. Buyer preference for cranberry packaging in Boston and Topeka. 1953.
- MRR 36. Produce department space utilization, gross margins, and operating costs in selected retail stores in Charlotte, N. C., January 22—May 19, 1951. 1953.
- *MRR 38. The mixed-feeds industry. 1953. **10¢. For sale only.**
- MRR 42. Views of independent grocers on wholesaler-retailer relations. 1953.
- *MRR 45. Visual inspection of products for surface characteristics in grading operations. 1953. **20¢. For sale only.**
- MRR 46. Detergents, emulsifiers, and emulsion products as market outlets for fats and oils. 1953.
- *MRR 49. Apple handling methods and equipment in Pacific Northwest packing and storage houses. 1953. **\$1.50. For sale only.**
- *MRR 50. Cotton handling guide for warehouse managers and foremen. 1953. **40¢. For sale only.**
- *MRR 52. Marketing liquid sugar. 1953. **40¢. For sale only.**
- MRR 55. Methods and costs of loading apples in the orchard in the Pacific Northwest. 1945.
- *MRR 56. Cotton linters—Production, marketing, and market outlets. 1953. **35¢. For sale only.**
- *MRR 58. Processing the three major oilseeds. 1954. **25¢. For sale only.**

Miscellaneous Publications:

- *M 228. Market diseases of fruits and vegetables: Peaches, plums, cherries, and other stone fruits. 1937; revised 1950. **75¢. For sale only.**
- *M 310. The classification of cotton. 1938. **20¢. For sale only.**
- *M 460. The ABC of canned fruit and vegetable labeling. 1941. **5¢. For sale only.**
- M 524. Commercial dehydration of vegetables and fruits in wartime. 1943.
- M 527. Packing of cotton at gins for uniform density. 1943.
- M 553. A consumers' guide to U. S. standards for farm products. 1944; revised 1947.
- M 565. Outline of suggested specifications for purchasing processed fruits and vegetables. 1945.
- M 598. Questions and answers on Government inspection of processed fruits and vegetables. 1946.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Miscellaneous Publications—Continued

- *M 604. Standardization and inspection of fresh fruits and vegetables. 1946. **10¢. For sale only.**
- M 615. Rice production and marketing in the United States. 1947.
- M 692. Grain production and marketing. 1949.

Statistical Bulletins:

- SB 126. Commercial vegetables for fresh market, acreage, production, value . . . by seasonal groups and states. Revised estimates, 1939-50. 1953.

Technical Bulletins:

- T 913. Marketing and manufacturing margins for tobacco. 1946.
- *T 934. Marketing margins and costs for grains, grain products, and dry edible beans. 1947. **25¢. For sale only.**
- *T 935. Occurrence of cotton fiber contaminated by *Aerobacter cloacae*. 1947. **10¢. For sale only.**
- *T 1043. Marketing potential for oilseed protein materials in industrial uses. 1951. **30¢. For sale only.**
- T 1044. Marketing dry edible beans and peas. 1951.
- T 1062. Marketing and manufacturing services and margins for textiles. 1952.

Unnumbered:

- *Marketing information for commercial floriculture. 1952. **15¢. For sale only.**
- *Marketing information for commercial ornamental horticulture. 1952. **15¢. For sale only.**

FOREST PRODUCTS

Farmers' Bulletins:

- *F 1210. Measuring and marketing farm timber. 1921; slightly revised 1940. **15¢. For sale only.**
- F 1459. Selling black walnut timber. 1925; revised 1948.
- F 2027. Cutting for profit in southern pine woodlands. 1951.

Leaflets:

- L 286. Prevent tanbark deterioration. 1950.

Miscellaneous Publications:

- M 225. Converting factors and tables of equivalents used in forestry. 1935; revised 1949.

Statistical Bulletins:

- *SB 73. Forest products statistics of Central and Prairie States. 1941. **15¢. For sale only.**
- *SB 76. Stumpage and log prices for the calendar year, 1940. 1942. **10¢. For sale only.**
- SB 78. Stumpage and log prices for the calendar year, 1941. 1943.
- SB 80. Stumpage and log prices for the calendar year, 1943. 1945.
- SB 82. Stumpage and log prices for the calendar year, 1945. 1948.

FUTURES TRADING

Circulars:

- C 604. Trading in wool top futures. 1941.
- C 794. Delivery notices in cotton future markets. 1948.

Marketing Research Reports:

- *MRR 53. The establishment of central market butter prices in Chicago and New York. 1953. **45¢. For sale only.**

Statistical Bulletins:

- SB 84. Commodity futures statistics, July 1948-June 1949. 1950.
- SB 98. Commodity futures statistics, July 1949-June 1950. 1951.
- SB 107. Commodity futures statistics, July 1950-June 1951. 1952.
- SB 109. Cotton "on call" statistics, August 1945-July 1951. 1951.
- SB 124. Commodity futures statistics, July 1951-June 1952. 1953.
- SB 131. Grain futures statistics, 1921-1951. 1953.
- SB 141. Commodity futures statistics, July 1952-June 1953. 1954.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Technical Bulletins:

T 747. Grain prices and the futures market: A 15-year survey, 1923-1938. 1941.
 *T 971. Analysis of hedging and other operations in grain futures. 1948. **20¢. For sale only.**
 T 1001. An analysis of speculative trading in grain futures. 1949.

LIVESTOCK AND LIVESTOCK PRODUCTS**Farmers' Bulletins:**

*F 1055. Country hides and skins, skinning, curing, and marketing. 1919; slightly revised 1942. **20¢. For sale only.**
 F 1378. Marketing eggs. 1924; revised 1954.
 *F 1805. Grading wool. 1938; slightly revised 1945. **10¢. For sale only.**
 F 1815. Grading dressed turkeys. 1938; revised 1949.
 F 2030. Marketing farm poultry. 1951.

Leaflets:

L 92. Preparing wool for market. 1933; slightly revised 1951.
 L 310. U. S. grades of beef. 1951.

Agriculture Handbooks:

*AH 25. Recommended specifications for standard packs, containers, and packaging materials for poultry and poultry products. 1951. **40¢. For sale only.**
 *AH 36. Suggestions for improving services and facilities at public terminal stockyards. 1952. **40¢. For sale only.**

Agriculture Information Bulletins:

*AB 5. Farm-to-retail margins for marketing western turkeys. 1949. **10¢. For sale only.**
 AB 14. Shifts in the trade in western slaughter livestock. 1950.
 *AB 46. Sales of eggs by farmers in the North Central region. 1951. **25¢. For sale only.**
 AB 53. Lard marketing as affected by commercial processing methods. 1951.
 AB 68. Federal regulation of milk marketing in the Duluth-Superior area. 1951.
 AB 69. Egg marketing channels and methods used by Northeastern producers. 1951.
 AB 77. Costs of and reasons for rewrapping prepackaged meats, poultry, and cheese. 1951.
 *AB 110. Some highlights from consumer egg studies. 1953. **10¢. For sale only.**
 *AB 118. Prices of wool at Boston with a comparison of prices of domestic and imported wools. 1954. **20¢. For sale only.**

Bibliographical Bulletins:

B 15. Bibliography on the marketing of livestock, meat, and meat products. 1951.

Circulars:

C 260. Operation and management of milk plants. 1933; revised 1947.
 C 522. A soft cheese of the Bel Paese type. 1939.
 C 866. The lymph glands of cattle, hogs, and sheep. 1951.
 C 930. Studies on sanitizing methods for use in poultry processing. 1954.

Marketing Research Reports:

*MRR 11. Economic effects of Federal regulation of the Minneapolis-St. Paul fluid milk market. 1952. **\$1.00. For sale only.**
 *MRR 14. Early development of milk marketing plans in the Kansas City, Missouri, area. 1952. **45¢. For sale only.**
 MRR 24. Costs of retailing meats in relation to volume. 1952.
 MRR 28. Regulations on weight of motortrucks: Problems illustrated by Wisconsin's experience in hauling fluid dairy products. 1952.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Marketing Research Reports—Continued

MRR 32. Margins on fluid milk in the Duluth-Superior marketing area, 1947-48. 1953.

*MRR 37. Federal regulation of fluid milk marketing in the Clinton, Quad Cities, and Dubuque marketing areas. 1953. **70¢. For sale only.**

*MRR 41. Receiving, blocking, and cutting meats in retail food stores. 1953. **30¢. For sale only.**

*MRR 43. The marketing of milk in the Louisville area under Federal regulation. 1953. **\$1.25. For sale only.**

*MRR 44. Packaging and displaying meats in self-service meat markets. 1953. **50¢. For sale only.**

*MRR 47. Candling, sizing, packing, and materials-handling equipment and methods used in egg assembly plants. 1953. **40¢. For sale only.**

*MRR 53. The establishment of central market butter prices in Chicago and New York. 1953. **45¢. For sale only.**

Miscellaneous Publications:

M 119. The manufacture of low-acid rennet-type cottage cheese. 1931; revised 1948.

M 161. Testing milk and cream. 1933; revised 1949.

Statistical Bulletins:

SB 87. Dairy and poultry market statistics, 1949. 1950.

*SB 88. Livestock on farms and ranches on January 1, number, value, and classes—1920-39, by states. 1950. **45¢. For sale only.**

SB 91. Livestock market news statistics and related data, 1949. 1950.

*SB 93. Production of manufactured dairy products, 1949. 1950. **25¢. For sale only.**

*SB 100. Dairy statistics and related series. 1951. **50¢. For sale only.**

SB 102. Dairy and poultry market statistics, 1950. 1951.

SB 104. Livestock market news statistics and related data, 1950. 1951.

SB 113. Meat animals—farm production, disposition, and income, 1945-49, by states. Revised estimates. 1952.

*SB 118. Livestock market news statistics and related data, 1951. 1952. **35¢. For sale only.**

SB 127. Livestock market news statistics and related data, 1952. 1953.

*SB 135. Dairy and poultry market statistics, 1952. 1953. **60¢. For sale only.**

SB 143. Livestock market news statistics and related data, 1953. 1954.

Technical Bulletins:

T 789. Supply response in milk production in Southeastern Minnesota. 1941.

*T 961. Marketing and manufacturing margins for hides and skins, leather, and leather products. 1948. **20¢. For sale only.**

Charts:

Wholesale and retail cuts of beef. 16 by 24 inches. Colored. 1926; revised 1948.

Wholesale and retail cuts of lamb. 16 by 24 inches. Colored. 1926; revised 1948.

STORAGE**Farmers' Bulletins:**

F 1260. Stored-grain pests. 1922; revised 1953.

*F 1267. Utilization of flue-heated tobacco barns for sweetpotato storage. 1922; slightly revised 1943. **5¢. For sale only.**

F 1442. Storage of sweetpotatoes. 1925; revised 1948.

*F 1880. Control of insect pests of grain in elevator storage. 1941. **10¢. For sale only.**

F 1906. Insect pests of stored rice and their control. 1942; slightly revised 1947.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Farmers' Bulletins—Continued

- *F 1939. Home storage of vegetables and fruits. 1943; slightly revised 1943. **10¢. For sale only.**
- F 1976. Handling and storing soft corn on the farm. 1945; revised 1954.
- F 1979. Making and storing farm butter for home use. 1946.
- *F 1986. Potato storage. 1947. **15¢. For sale only.**
- F 2009. Storage of small grains and shelled corn on the farm. 1949.
- *F 2010. Storage of ear corn on the farm. 1949. **10¢. For sale only.**
- F 2071. You can store grain safely on the farm. 1954.

Leaflets:

- L 195. Mealworms. 1940; revised 1954.
- L 320. Two-temperature walk-in refrigerator for the farm. 1951.

Agriculture Information Bulletins:

- *AB 57. Improving soybean marketing through farm storage. 1951. **20¢. For sale only.**

Alaska Agricultural Experiment Station Circulars:

- *AESC 7. Potato storage in Alaska's Matanuska Valley. 1949. **10¢. For sale only.**

Bibliographical Bulletins:

- B 11. Handling, storage, transportation, and utilization of potatoes: A digest of information on the subject published mostly from 1938 to 1948. 1949.
- B 21. Handling, transportation, storage, and marketing of peaches: A digest of recent contributions to the knowledge of physical and biological phases of the subject. 1952.

Circulars:

- *C 759. Coordinated management for harvesting, storing, and marketing Northwest apples. 1947 **10¢. For sale only.**
- *C 835. Grain bin requirements. 1950. **10¢. For sale only.**
- C 898. Thermostabilization of shell eggs: Quality retention in storage. 1952.
- *C 911. A study of the washing and storage of dirty shell eggs. 1952. **10¢. For sale only.**

Marketing Research Reports:

- *MRR 23. Factors to be considered in locating, planning, and operating country elevators. 1952. **60¢. For sale only.**
- *MRR 49. Apple handling methods and equipment in Pacific Northwest packing and storage houses. 1953. **\$1.50. For sale only.**
- *MRR 50. Cotton handling guide for warehouse managers and foremen. 1953. **40¢. For sale only.**
- MRR 61. Breaking out bales of cotton stored on head. 1954.
- *MRR 70. White potato storages for New Jersey, Long Island, and Southeastern Pennsylvania. 1954. **20¢. For sale only.**
- MRR 71. Handling empty apple boxes in Pacific Northwest packing and storage houses. 1954.

Miscellaneous Publications:

- M 647. Experimental compression of dehydrated foods. 1948.

Technical Bulletins:

- *T 953. Dormancy and the effect of storage on oats, barley, and sorghum. 1948. **10¢. For sale only.**
- T 1045. Evaluation of fumigants for control of insects attacking wheat and corn in steel bins. 1951.

Yearbook Separates:

- YS 2203. The oldest way to store fruit. 1951.
- YS 2338. Fumigating stored foodstuffs. 1952.
- YS 2386. Insect pests of stored grains and seed. 1952.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

TRANSPORTATION

Leaflets:

L 38. Maintaining the health of livestock in transit. 1929; revised 1953.

Agriculture Information Bulletins:

*AB 43. Use of recording and transcribing equipment in loading delivery trucks of produce wholesalers. 1951. 20¢. For sale only.

AB 55. The comparative efficiency of various arrangements of railroad tracks at stores in wholesale produce markets. 1951.

*AB 62. Transportation of frozen citrus concentrate by railroad and motortruck from Florida to northern markets. 1951. 40¢. For sale only.

Bibliographical Bulletins:

B 21. Handling, transportation, storage, and marketing of peaches: A digest of recent contributions to the knowledge of physical and biological phases of the subject. 1952.

Circulars:

*C 773. Spoilage of fresh fruits and vegetables in rail shipments unloaded at New York City, 1935-42. 1948. 15¢. For sale only.

C 847. Effect of increases in freight rates on agricultural products. 1950.

Marketing Research Reports:

MRR 2. Transportation and handling costs of selected fresh fruits and vegetables in the San Francisco Bay terminal market area. 1952.

MRR 28. Regulations on weight of motortrucks: Problems illustrated by Wisconsin's experience in hauling fluid dairy products. 1952.

MRR 62. Studies of watermelon loading for rail shipment, 1953. 1954.

Technical Bulletins:

T 668. Bruising, freezing, and chemical injury of potatoes in transit. 1939; revised 1952.

T 899. Precooling California grapes and their refrigeration in transit. 1945.

PLANT INDUSTRIES

DRUGS AND RELATED PLANTS

Farmers' Bulletins:

F 613. Goldenseal under cultivation. 1914; revised 1949.

F 1184. Ginseng culture. 1921; revised 1953.

F 1977. Savory herbs: Culture and use. 1946.

F 1988. Mint farming. 1948; revised 1954.

F 1999. Production of drug and condiment plants. 1948.

Bibliographical Bulletins:

*B 9. Review of literature on cinchona diseases, injuries, and fungi. 1947. 20¢. For sale only.

Circulars:

*C 855. Cinchona root and collar rot in Peru and Bolivia. 1950. 10¢. For sale only.

Miscellaneous Publications:

*M 77. American medicinal plants of commercial importance. 1930. 30¢. For sale only.

Puerto Rico Federal Experiment Station Bulletins:

*PRB 46. Insect and other animal pests of *Cinchona* and their control in Puerto Rico. 1949. 10¢. For sale only.

*PRB 47. Cinchona propagation. 1950. 15¢. For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Technical Bulletins:

T 16. Methods of extracting volatile oils from plant material and the production of such oils in the United States. 1928; revised 1952.

T 986. Tannin content and other characteristics of native sumac in relation to its value as a commercial source of tannin. 1949.

FIBER CROPS**Cotton****Farmers' Bulletins:**

F 1179. Feeding cottonseed products to livestock. 1920; revised 1945.

F 1661. Farm study of the cotton plant. 1931.

Leaflets:

L 151. Effects of feeds and saw speeds on cotton turn-out and quality. 1937; revised 1951.

L 167. Facts about cotton. 1938; revised 1952.

L 169. Preventing gin damage to cotton. 1938.

L 181. Drying seed cotton. 1939; revised 1949.

L 211. Cotton from boll to bale. 1941.

L 212. The sand wireworm. 1941.

L 216. Cotton gin maintenance. 1942; revised 1951.

L 217. Ginning cotton for pure seed preservation. 1942; slightly revised 1943.

L 241. Preventing cotton-press damage. 1944.

L 246. Safeguarding identification of cotton bales. 1948.

L 339. The pink bollworm: How we fight it. 1953.

Agriculture Information Bulletins:

AB 39. The grading of cottonseed. 1951.

AB 61. Farm-to-mill margins for cottonseed and cottonseed products in Tennessee, September 1946-July 1950. 1951.

*AB 80. Some improved methods for receiving bales of cotton in compresses and warehouses. 1952. **30¢. For sale only.**

*AB 89. Cotton farming in the southern Piedmont, 1930-51. 1952. **35¢. For sale only.**

AB 103. Cottonseed oil mills: Their comparative efficiencies and effects on prices and producers' returns. 1953.

Circulars:

C 736. The packaging of American cotton and methods for improvement. 1945.

*C 768. Cottonseed handling with small air pipes. 1948; revised 1953. **5¢. For sale only.**

C 782. Laboratory gins and tests of reliability of ginning with different sizes of seed cotton lots. 1948.

C 794. Delivery notices in cotton futures markets. 1948.

*C 858. The flow-through lint-cotton cleaner. 1950. **10¢. For sale only.**

C 922. Cleaning cotton at gins and methods for improvement. 1953.

Marketing Research Reports:

*MRR 50. Cotton handling guide for warehouse managers and foremen. 1953. **40¢. For sale only.**

*MRR 56. Cotton linters—production, marketing, and market outlets. 1953. **35¢. For sale only.**

*MRR 57. The causticaire method for measuring cotton-fiber maturity and fineness: Improvement and evaluation. 1954. **35¢. For sale only.**

MRR 61. Breaking out bales of cotton stored on head. 1954.

Miscellaneous Publications:

*M 310. The classification of cotton. 1938. **20¢. For sale only.**

*M 484. Cotton or boll weevils. 1942. **10¢. For sale only.**

M 527. Packing of cotton at gins for uniform density. 1943.

M 577. Domestic cotton surplus disposal programs. 1945.

*M 694. Conservation methods in cotton production. 1949. **10¢. For sale only.**

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Picture Sheets:

- PS 16. Bollworm. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1946; revised 1949.
- PS 17. Cotton aphid. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1946; revised 1949.
- PS 18. Cotton flea hopper. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1946; revised 1949.
- PS 19. Cotton leafworm. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1946; revised 1949.
- PS 20. Red spider. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1946; revised 1949.
- PS 21. Pink bollworm. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1948.

Statistical Bulletins:

- SB 86. Cotton quality statistics, United States, 1948-49. 1950.
- SB 90. Cottonseed-supply areas. 1950.
- SB 94. Cotton quality statistics, United States, 1949-50. 1951.
- *SB 99. Statistics on cotton and related data. 1951. \$2.00. **For sale only.**
Suppl. to SB 99. Statistics on cotton and related data. 1954.
- SB 109. Cotton "on call" statistics, August 1945-July 1951. 1952.
- *SB 110. Cotton quality statistics, United States 1950-51. 1952. 35¢. **For sale only.**
- SB 123. Cotton quality statistics, United States, 1951-52. 1953.
- SB 130. The American-Egyptian cotton situation. 1953.
- *SB 137. Cotton quality statistics, United States 1952-53. 1954. 40¢. **For sale only.**

Technical Bulletins:

- *T 931. Fiber and spinning properties of cotton, with special reference to varietal and environmental effects. 1945. 10¢. **For sale only.**
- *T 935. Occurrence of cotton fiber contaminated by *Aerobacter cloacae*. 1947. 10¢. **For sale only.**
- *T 948. Cultural practices as related to incidence of cotton root rot in Texas. 1948. 15¢. **For sale only.**
- T 949. Structure, determined by X-ray, and strength of cotton fiber. 1948.
- *T 956. Bacterial blight of cotton under conditions of artificial inoculation. 1948. 20¢. **For sale only.**
- T 974. Yield and composition of cottonseed as influenced by fertilization and other environmental factors. 1949.
- *T 977. Studies of the diapause in the pink bollworm in Puerto Rico. 1949. 10¢. **For sale only.**
- *T 1000. Mote types in cotton and their occurrence as related to variety, environment, position in lock, lock size, and number of locks per boll. 1949. 15¢. **For sale only.**
- T 1033. Costs of manufacturing carded cotton yarn and means of improvement. 1951.
- *T 1042. Analysis of factors influencing cotton yields and their variability with special reference to the Upper Piedmont and West Texas Rolling Plains. 1951. 40¢. **For sale only.**
- *T 1047. Effect of soil treatments with DDT, benzene hexachloride, and toxaphene on tobacco, cotton, and cowpeas. 1951. 15¢. **For sale only.**

Yearbook Separates:

- YS 2228. Better ways to handle the bale. 1951.
- YS 2364. Progress in research on cotton insects. 1952.
- YS 2365. The boll weevil. 1952.
- YS 2366. The pink bollworm. 1952.
- YS 2367. The bollworm. 1952.

Flax**Farmers' Bulletins:**

- *F 1728. Flax-fiber production. 1934; revised 1940. 5¢. **For sale only.**
- F 1793. Flaxseed production in the far Western States. 1937.
- F 2036. Seed-flax production in the North Central States. 1952.

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Circulars:

*C 890. Deseeding of fiber flax. 1951. 10¢. For sale only.

Technical Bulletins:

*T 938. Flaxseed in American farming. 1947. 15¢. For sale only.
 T 1054. Classification of flax varieties. 1946. 1953.
 T 1087. Identification of races of flax rust by lines with single rust-conditioning genes. 1954.

Yearbook Separates:

*YS 1937. Flax moves west. 1947. 5¢. For sale only.

Other Fiber Crops

Farmers' Bulletins:

F 1935. Hemp. 1943; revised 1952.

Agriculture Monographs:

*AM 17. Yuccas of the Southwest. 1953. 50¢. For sale only.
 *AM 21. Abaca: A cordage fiber. 1953. 65¢. For sale only.

Bibliographical Bulletins:

B 17. Kenaf (*Hibiscus cannabinus* L.): A bibliographical survey. 1952.

Circulars:

C 854. Some cultural experiments with kenaf in Cuba. 1950.

Technical Bulletins:

*T 999. A study of the quality of abaca fiber. 1949. 20¢. For sale only.

FORAGE CROPS

General Culture

Farmers' Bulletins:

F 1761. Harvesting with combines. 1936; revised 1947.
 F 1924. Reseeding to increase the yield of Montana range lands. 1943; revised 1952.
 F 1948. Sagebrush burning—good and bad. 1944.
 F 1973. Irrigated pastures for forage production and soil conservation. 1945.
 F 2028. Drying forage by forced ventilation. 1951.

Leaflets:

L 72. Measuring hay in stacks. 1931.

Circulars:

*C 443. Artificial drying of forage crops. 1937; revised 1950. 10¢. For sale only.
 *C 796. Forage utilization on summer cattle ranges in eastern Oregon. 1948. 10¢. For sale only.
 *C 870. Efficient use of annual plants on cattle ranges in the California foothills. 1951. 20¢. For sale only.
 C 884. The Dalles pocket gopher and its influence on forage production of Oregon mountain meadows. 1951.
 C 905. Economic use of forages in livestock production on Corn Belt farms. 1952.

Statistical Bulletins:

*SB 128. Harvesting the silage crops. 1953. 20¢. For sale only.

Technical Bulletins:

T 649. Relative values for milk production of hay and silage made from immature pasture herbage. 1938.

Yearbook Separates:

YS 2002. Forage for livestock: Plus and minus, an over-all view. 1948.
 YS 2007. The use of forage in feeding hogs. 1948.
 YS 2009. Dairy cattle must have good forage. 1948.
 YS 2011. Principles of making hay. 1948.
 *YS 2039. The need for seed is urgent. 1948. 5¢. For sale only.
 YS 2069. The types of plains vegetation. 1948.
 YS 2107. Lists of plant names. 1948.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Diseases and Insects

Farmers' Bulletins:

F 1780. How to fight the chinch bug. 1937; revised 1951.
 F 1798. Control of common white grubs in cereal and forage crops. 1938; revised 1953.
 *F 1928. Mormon crickets and their control. 1943. **10¢. For sale only.**
 F 1971. The pea weevil and methods for its control. 1946; revised 1952.
 F 1990. Habits and control of the fall armyworm. 1950.

Leaflets:

L 341. The meadow spittlebug: How to control it. 1953.
 L 348. The velvetbean caterpillar: How to control it. 1953.
 L 364. Chinch bugs: How to control them. 1954.

Circulars:

C 849. Cutworms, armyworms, and related species attacking cereal and forage crops in the central Great Plains. 1950.

Puerto Rico Bulletins:

*PRB 51. Some diseases of Puerto Rican forage crops. 1953. **20¢. For sale only.**

Yearbook Separates:

YS 2381. The Mormon cricket. 1952.

Alfalfa

Farmers' Bulletins:

F 1539. High-grade alfalfa hay: Methods of producing, baling, and loading for market. 1929; revised 1952.
 F 1642. Chalcid control in alfalfa-seed production. 1931.
 F 1722. Growing alfalfa. 1934; revised 1954.
 *F 1731. Alfalfa varieties in the United States. 1934; slightly revised 1946. **10¢. For sale only.**

Leaflets:

L 229. The potato leafhopper: A pest of alfalfa in the Eastern States. 1942; revised 1952.
 L 304. Control of the garden webworm in alfalfa. 1951.
 L 325. Control of the alfalfa caterpillar. 1952.

Circulars:

*C 815. Alfalfa weevil distribution and crop damage in the United States. 1949. **10¢. For sale only.**
 C 876. Use of honey bees in alfalfa seed production. 1951.
 C 879. Alfalfa for the Yuma Mesa. 1951.
 *C 903. Stink bugs on seed alfalfa in southern Arizona. 1952. **10¢. For sale only.**

Technical Bulletins:

*T 975. Field studies of the alfalfa weevil and its environment. 1949. **20¢. For sale only.**
 *T 1079. Experiments in harvesting and preserving alfalfa for dairy cattle feed. 1954. **45¢. For sale only.**

Clover

Farmers' Bulletins:

F 971. The control of the clover-flower midge. 1918; slightly revised 1947.
 F 1484. The clover leaf weevil and its control. 1926; slightly revised 1949.
 F 1741. Bur-clover cultivation and utilization. 1934; slightly revised 1949.
 F 1770. High-grade timothy and clover hay: Methods of producing, baling, and loading for market. 1937; revised 1952.
 *F 1910. Ladino white clover for the Northeastern States. 1942. **10¢. For sale only.**
 F 1929. Persian clover. 1943.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Leaflets:

- L 23. Sweetclover. 1928; revised 1939.
- *L 93. Red-clover seed production in the Intermountain States. 1932. 5¢. For sale only.
- L 119. White clover. 1936; revised 1947.
- L 160. Crimson clover. 1938; revised 1947.
- L 176. Strawberry clover. 1939.

Agriculture Monographs:

- *AM 22. A botanical synopsis of the cultivated clovers (*Trifolium*). 1953. 25¢. For sale only.

Grasses

Farmers' Bulletins:

- *F 1126. Sudan grass. 1920; slightly revised 1941. 10¢. For sale only.
- *F 1433. Cultivated grasses of secondary importance. 1925; slightly revised 1944. 10¢. For sale only.
- F 1770. High-grade timothy and clover hay: Methods of producing, baling, and loading for market. 1937; revised 1952.
- F 1850. The armyworm and its control. 1940; slightly revised 1951.
- F 1949. Judging conditions and utilization of short-grass ranges. 1944.
- *F 1985. Seed for regrassing Great Plains areas. 1947. 10¢. For sale only.
- F 2056. Reseeding southwestern range lands with crested wheatgrass. 1953.

Leaflets:

- L 104. Crested wheatgrass. 1934; revised 1947.
- L 180. How to keep and increase black grama on southwestern ranges. 1939; slightly revised 1948.
- *L 196. The ryegrasses. 1940. 5¢. For sale only.
- L 215. How to graze blue grama on southwestern ranges. 1942.
- L 254. Using tall fescue in soil conservation. 1949.
- L 300. Grass seed production on irrigated land. 1951.
- L 313. Russian wild-rye. 1951.
- L 346. Grass . . . the rancher's crop. 1954.

Agriculture Handbooks:

- *AH 58. Grasses introduced into the United States. 1953. 25¢. For sale only.

Agriculture Monographs:

- AM 4. *Balansia* and the *Balansiae* in America. 1950.

Miscellaneous Publications:

- *M 200. Manual of the grasses of the United States. 1935; revised 1951. \$3.00. For sale only.
- *M 678. Grasses and legumes for soil conservation in the Pacific Northwest. 1949. 20¢. For sale only.

Technical Bulletins:

- *T 409. The influence of precipitation and grazing upon black grama grass range. 1934. 5¢. For sale only.
- *T 951. Vegetative characteristics of some wild forms of *saccharum* and related grasses. 1948. 20¢. For sale only.
- *T 1005. Anthracnose of cereals and grasses. 1950. 15¢. For sale only.
- T 1063. Yields and botanical composition of four grass-legume mixtures under differential cutting. 1952.

Yearbook Separates:

- *YS 2040. Wanted: A paragon for the range. 1948. 5¢. For sale only.
- *YS 2060. Grass and legume seed production. 1948. 5¢. For sale only.
- YS 2107. Lists of plant names. 1948.

Yearbooks:

- *YB 1948. Grass. \$2.00. For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Legumes

Farmers' Bulletins:

F 1750. Summer crops for green manure and soil improvement. 1935; revised 1947.
 F 1946. Lupines: New legumes for the South. 1943; slightly revised 1947.
 F 2003. Legume inoculation: What it is; what it does. 1948; revised 1953.
 F 2053. Diseases of cultivated lupines in the Southeast. 1952.

Leaflets:

*L 163. Legumes in soil conservation practices. 1938. 5¢. For sale only.

Circulars:

C 904. Lupine anthracnose. 1952.

Miscellaneous Publications:

*M 678. Grasses and legumes for soil conservation in the Pacific Northwest. 1949. 20¢. For sale only.

Technical Bulletins:

*T 867. Responses of beans (*Phaseolus*) and other legumes to length of day. 1944. 10¢. For sale only.
 T 1063. Yields and botanical composition of four grass-legume mixtures under differential cutting. 1952.

Yearbook Separates:

*YS 2030. Some diseases of forage legumes. 1948. 5¢. For sale only.
 *YS 2060. Grass and legume seed production. 1948. 5¢. For sale only.

Sorghums

Farmers' Bulletins:

F 1566. The sorghum midge, with suggestions for control. 1928; revised 1953.
 F 1619. Sorgo for sirup production: Culture, harvesting and handling. 1930; slightly revised 1942.
 F 1631. Broomecorn growing and handling. 1930.
 F 1791. Farm production of sorgo sirup. 1938.
 F 1844. The culture and use of sorghums for forage. 1940.
 F 1959. Sorghum diseases and their control. 1944; revised 1951.

Technical Bulletins:

*T 839. Seed rot and seedling blight of sorghum. 1943. 10¢. For sale only.
 *T 953. Dormancy and the effect of storage on oats, barley, and sorghum. 1948. 10¢. For sale only.
 *T 957. Anatomy and morphology of the vegetative organs of *Sorghum vulgare*. 1948. 20¢. For sale only.
 T 1006. Relative resistance of parent and progeny varieties of *Saccharum*, *Erianthus*, and *Sorghum* to inversion of sucrose in the southern United States. 1950.
 T 1035. Anthracnose and red rot of sorghum. 1951.
 T 1080. The demand and price structure for oats, barley, and sorghum grains. 1953.

Yearbook Separates:

*YS 1930. Progress with sugar sorgo. 1947. 5¢. For sale only.
 YS 1941. Tailor-made sorghums. 1947.

Soybeans

Farmers' Bulletins:

F 1520. Soybeans: Culture and varieties. 1927; revised 1949.
 F 2024. Soybean production for hay and beans. 1950.
 F 2038. Soybeans for feed, food, and industrial products. 1952.

Agriculture Information Bulletins:

*AB 57. Improving soybean marketing through farm storage. 1951. 20¢. For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Circulars:

- *C 753. Relation of temperature and seed moisture to the viability of stored soybean seed. 1946. 5¢. **For sale only.**
- *C 931. Diseases of soybeans and methods of control. 1954. 25¢. **For sale only.**
- *C 943. Factors affecting time of planting soybeans in the southern states. 1954. 10¢. **For sale only.**

Marketing Research Reports:

- MRR 35. Soybeans: Economic analyses relating to processing. 1953.

Miscellaneous Publications:

- *M 534. Soybeans and soybean products as food. 1943. 5¢. **For sale only.**
- *M 623. Improvement and industrial utilization of soybeans. (Research under the Soybean Laboratory Program.) 1947. 10¢. **For sale only.**

Technical Bulletins:

- T 1086. Effects of phosphate fertilization on the nutritive value of soybean forage for sheep and rabbits. 1954.

Other Forage Crops**Farmers' Bulletins:**

- F 1148. Cowpeas: Culture and varieties. 1920; revised 1947.
- F 1276. The velvet bean. 1922; revised 1938.
- F 1740. Vetch culture and uses. 1934; slightly revised 1949.
- F 1852. Lespedeza culture and utilization. 1940; revised 1946.
- F 1923. Kudzu as a farm crop. 1943; slightly revised 1948.
- F 1980. Crotalaria culture and utilization. 1946.
- F 2033. Sericea in conservation farming. 1951.

Leaflets:

- L 240. Kobe, a superior lespedeza. 1944.

Circulars:

- C 625. Birdsfoot trefoil and big trefoil. 1941; revised 1949.

Technical Bulletins:

- *T 1047. Effect of soil treatments with DDT, benzene hexachloride, and toxaphene on tobacco, cotton, and cowpeas. 1951. 15¢. **For sale only.**

GRAIN AND CEREAL CROPS**General Culture****Farmers' Bulletins:**

- *F 1761. Harvesting with combines. 1936; revised 1947. 15¢. **For sale only.**
- F 2009. Storage of small grains and shelled corn on the farm. 1949.
- F 2071. You can store grain safely on the farm. 1954.

Leaflets:

- L 314. Inclined-column grain drier. 1951.
- L 331. Drying shelled corn and small grain with heated air. 1952.
- L 332. Drying shelled corn and small grain with unheated air. 1952.

Agriculture Handbooks:

- AH 59. Grain grading primer. 1953.

Circulars:

- *C 835. Grain bin requirements. 1950. 10¢. **For sale only.**
- *C 921. The test weight per bushel of grain: Methods of use and calibration of the apparatus. 1953. 10¢. **For sale only.**

Miscellaneous Publications:

- M 219. Treat seed grain. 1934; revised 1949.
- M 692. Grain production and marketing. 1949.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Statistical Bulletins:

SB 131. Grain futures statistics, 1921-1951. 1953.

Technical Bulletins:

- T 747. Grain prices and the futures market: A 15-year survey, 1923-1938. 1941.
- *T 934. Marketing margins and costs for grains, grain products, and dry edible beans. 1947. 25¢. **For sale only.**
- *T 971. Analysis of hedging and other operations in grain futures. 1948. 20¢. **For sale only.**
- T 1001. An analysis of speculative trading in grain futures. 1949.

Diseases and Insects**Farmers' Bulletins:**

- *F 739. Cutworms and their control in corn and other cereal crops. 1916; slightly revised 1946. 5¢. **For sale only.**
- F 1260. Stored-grain pests. 1922; revised 1953.
- F 1627. The hessian fly and how losses from it can be avoided. 1930; revised 1953.
- F 1780. How to fight the chinch bug. 1937; revised 1951.
- F 1798. Control of common white grubs in cereal and forage crops. 1938; revised 1953.
- F 1850. The armyworm and its control. 1940; slightly revised 1951.
- *F 1880. Control of insect pests of grain in elevator storage. 1941. 10¢. **For sale only.**
- *F 1928. Mormon crickets and their control. 1943. 10¢. **For sale only.**
- F 1990. Habits and control of the fall armyworm. 1950.
- F 2014. Kill barberry bushes that spread stem rust to grains. 1950.
- F 2069. Cereal smuts and their control. 1954.

Leaflets:

- L 195. Mealworms. 1940; revised 1954.
- L 309. Preventing greenbug outbreaks. 1951.
- L 315. Barberry bushes spread stem rust to wheat, oats, barley, rye 1951.

Circulars:

- C 849. Cutworms, armyworms, and related species attacking cereal and forage crops in the central Great Plains. 1950.

Picture Sheets:

- *PS 12. Fall armyworm. 5 $\frac{3}{4}$ by 9 $\frac{1}{4}$ inches. Colored. 1941; revised 1950. 5¢. **For sale only.**
- PS 23. Stem rust. 5 $\frac{3}{4}$ by 9 $\frac{1}{4}$ inches. Colored. 1948.
- PS 27. Chinch bug. 5 $\frac{3}{4}$ by 9 $\frac{1}{4}$ inches. Colored. 1953.

Technical Bulletins:

- *T 1005. Anthracnose of cereals and grasses. 1950. 15¢. **For sale only.**

Yearbook Separates:

- YS 2386. Insect pests of stored grains and seed. 1952.

Barley**Farmers' Bulletins:**

- F 1599. Scab of wheat and barley and its control. 1929; revised 1942.
- F 1732. Growing barley for malt and feed. 1934; revised 1943.

Leaflets:

- L 315. Barberry bushes spread stem rust to wheat, oats, barley, rye. 1951.

Technical Bulletins:

- *T 942. Taxonomic value of characters in cultivated barley. 1948. 25¢. **For sale only.**
- *T 953. Dormancy and the effect of storage on oats, barley, and sorghum. 1948. 10¢. **For sale only.**

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Technical Bulletins—Continued

- T 1056. Studies on dwarf leaf rust of barley. 1952.
- *T 1067. Studies with bulked hybrid populations of barley. 1953. **5¢. For sale only.**
- T 1080. The demand and price structure for oats, barley, and sorghum grains. 1953.
- *T 1084. Pythium root rot of barley and wheat. 1953. **15¢. For sale only.**

Yearbook Separates:

- *YS 1940. Improved varieties of barley. 1947. **5¢. For sale only.**

Corn and Popcorn

Farmers' Bulletins:

- *F 739. Cutworms and their control in corn and other cereal crops. 1916; slightly revised 1946. **5¢. For sale only.**
- F 891. The corn root-aphid and methods of controlling it. 1917; revised 1949.
- F 950. The southern corn rootworm and farm practices to control it. 1918; revised 1940.
- *F 1025. The larger corn stalk-borer. 1919; revised 1933. **5¢. For sale only.**
- *F 1548. The European corn borer: Its present status and methods of control. 1927; revised 1948. **15¢. For sale only.**
- F 1651. The corn earworm as an enemy of field corn in the Eastern States. 1931; revised 1953.
- F 1679. Popcorn. 1931; revised 1948.
- *F 1715. Methods and costs of husking corn in the field. 1933. **5¢. For sale only.**
- F 1744. The what and how of hybrid corn. 1935.
- F 1822. Seed corn. 1939.
- F 1976. Handling and storing soft corn on the farm. 1945; revised 1954.
- F 2009. Storage of small grains and shelled corn on the farm. 1949.
- *F 2010. Storage of ear corn on the farm. 1949. **10¢. For sale only.**
- F 2059. Irrigating corn. 1953.

Leaflets:

- L 284. Protect your garden corn from earworms. 1950; slightly revised 1952.
- L 318. 7 questions to ask when you buy or sell shelled corn by grade. 1952.
- L 331. Drying shelled corn and small grain with heated air. 1952.
- L 332. Drying shelled corn and small grain with unheated air. 1952.
- L 333. Drying ear corn with heated air. 1952.
- L 334. Drying ear corn with unheated air. 1952.
- L 362. The sugarcane beetle on corn in the southern states. 1954.
- L 363. The southern cornstalk borer. 1954.

Circulars:

- C 839. Mechanical drying of corn on the farm. 1950.

Picture Sheets:

- PS 11. Corn earworm. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1941; revised 1950.
- PS 14. European corn borer. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1945; revised 1948.

Statistical Bulletins:

- *SB 129. Harvesting corn for grain. 1953. **10¢. For sale only.**

Technical Bulletins:

- T 898. Susceptibility of certain strains of field corn in hybrid combinations to damage by corn earworm. 1945.
- *T 976. European corn borer location on the corn plant as related to insecticidal control. 1949. **10¢. For sale only.**
- T 983. Biological control of the European corn borer in the United States. 1949.

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Technical Bulletins—Continued

- *T 987. Temperature and precipitation in relation to the number of generations of European corn borer in the United States. 1949. 10¢. **For sale only.**
- T 1045. Evaluation of fumigants for control of insects attacking wheat and corn in steel bins. 1951.
- T 1058. Cultural and pathogenic variability in single-conidial and hyphal-tip isolates of *Helminthosporium turcicum* Pass. 1952.
- T 1061. The demand and price structure for corn and total feed concentrates. 1952.

Yearbook Separates:

- YS 2384. The European corn borer. 1952.

Oats**Farmers' Bulletins:**

- *F 1611. Oats in the western half of the United States. 1929. 5¢. **For sale only.**
- F 1941. Grow disease-resistant oats. 1943; revised 1949.
- F 2037. Winter oats for the South. 1951.

Leaflets:

- L 315. Barberry bushes spread stem rust to wheat, oats, barley, rye. 1951.

Circulars:

- *C 795. New varieties of oats from Bond crosses resistant to Victoria blight. 1948. 10¢. **For sale only.**
- *C 809. Mosaics of winter oats and their control in the southeastern States. 1949. 10¢. **For sale only.**

Technical Bulletins:

- *T 952. Physiologic specialization in the oat smut fungi and its relation to breeding oats for smut resistance. 1948. 5¢. **For sale only.**
- *T 953. Dormancy and the effect of storage on oats, barley and sorghum. 1948. 10¢. **For sale only.**
- T 1080. The demand and price structure for oats, barley, and sorghum grains. 1953.

Rice**Farmers' Bulletins:**

- F 1854. Diseases of rice. 1940; slightly revised 1951.
- F 1906. Insect pests of stored rice and their control. 1942; slightly revised 1947.
- F 2022. Rice culture in California. 1950.
- F 2043. Rice production in the Southern States. 1952.

Agriculture Information Bulletins:

- *AB 15. Rice preferences among household consumers. 1950. 30¢. **For sale only.**

Circulars:

- C 632. Rice-field insects. 1942.
- *C 915. Rice varieties and their yields in the United States, 1939-50. 1953. 15¢. **For sale only.**

Department Circulars:

- DC 229. Wild rice. 1922.

Miscellaneous Publications:

- M 615. Rice production and marketing in the United States. 1947.

Technical Bulletins:

- T 1015. Insects and fungi as causes of pecky rice. 1950.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Wheat

Farmers' Bulletins:

- F 1323. The wheat strawworm and its control. 1923; revised 1953.
- F 1429. Emmer and spelt. 1924; slightly revised 1938.
- F 1599. Scab of wheat and barley and its control. 1929; revised 1942.
- F 1607. The nematode disease of wheat and rye. 1929.
- F 1627. The hessian fly and how losses from it can be avoided. 1930; revised 1953.
- F 1902. Varieties of spring wheat for the North Central States. 1942.
- F 2006. Wheat production in the eastern United States. 1951.

Leaflets:

- L 247. Soil moisture and wheat yields on the High Plains. 1948.
- L 298. Grading soft red winter wheat at country points. 1950.
- L 315. Barberry bushes spread stem rust to wheat, oats, barley, rye. 1951.
- L 345. Insects in farm-stored wheat: How to control them. 1953.

Agriculture Information Bulletins:

- *AB 74. How is the wheat agreement working? 1952. **10¢. For sale only.**

Circulars:

- C 687. The hessian fly and its control by late sowing of wheat in Oklahoma and Arkansas. 1943.
- C 732. The wheat midge in the Pacific Northwest. 1945.
- C 762. The small rural industry—A study of the possibility of making insulating board from straw. 1947.
- *C 814. New sources of resistance to stem rust and leaf rust in foreign varieties of common wheat. 1949. **5¢. For sale only.**
- C 838. Role of fungi in the heating of moist wheat. 1950.
- C 860. Stubble-mulch farming on wheatlands of the southern High Plains. 1950.
- C 871. Depletion of High Plains wheatlands. 1951.
- *C 917. Relation of cultural practices to winter wheat production, Southern Great Plains Field Station, Woodward, Okla., 1953. **25¢. For sale only.**
- C 938. Varieties of hard red winter wheat in the United States. 1954.

Technical Bulletins:

- *T 887. Quality characteristics of wheat varieties grown in the western United States. 1945. **10¢. For sale only.**
- T 960. Leaf rust of wheat in the uniform rust nurseries in the United States, 1938-43. 1948.
- T 995. The chemical composition of various wheats and factors influencing their composition. 1949.
- *T 1004. Further differentiation of genetic factors in wheat for resistance to the hessian fly. 1950. **5¢. For sale only.**
- *T 1014. Milling and baking experiments with wheat varieties grown in western United States, 1936-45. 1950. **15¢. For sale only.**
- T 1045. Evaluation of fumigants for control of insects attacking wheat and corn in steel bins. 1951.
- *T 1083. Classification of wheat varieties grown in the United States in 1949. 1954. **70¢. For sale only.**
- *T 1084. Pythium root rot of barley and wheat. 1953. **15¢. For sale only.**

Yearbook Separates:

- *YS 1976. Starch from wheat. 1947. **5¢. For sale only.**

Other Grain and Cereal Crops

Farmers' Bulletins:

- F 1162. Proso, or hog millet. 1920; slightly revised 1937.
- F 1631. Broomecorn growing and handling. 1930.

Yearbook Separates:

- YS 2273. The growing of buckwheat for rutin. 1951.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

HORTICULTURAL CROPS

FRUITS

General Culture

Farmers' Bulletins:

F 1001. Growing fruit for home use. 1938; slightly revised 1939.
 F 1369. Bridge grafting. 1923; revised 1927.
 F 1522. The home fruit garden on the northern Great Plains. 1927; revised 1950.
 F 1567. Propagation of trees and shrubs. 1929; slightly revised 1945.
 F 1870. Pruning hardy fruit plants. 1941.
 F 1970. Conserving soil and moisture in orchards and vineyards. 1945.

Leaflets:

L 172. Why fruit trees fail to bear. 1939; slightly revised 1943.
 L 178. Dwarf fruits. 1939.
 L 218. The home fruit garden in the East Central and Middle Atlantic States. 1942; slightly revised 1949.
 L 219. The home fruit garden in the Southeastern and Central Southern States. 1942; revised 1951.
 L 221. The home fruit garden in the Central Southwestern States. 1942.
 L 224. The home fruit garden in the Pacific Coast States and Arizona. 1942; revised 1952.
 L 227. The home fruit garden in the Northeastern and North Central States. 1942; revised 1952.

Circulars:

*C 713. Freezing injury of fruits and vegetables. 1944. 10¢. For sale only.
 C 867. Fruit thinning with chemical sprays. 1951.

General Insects and Diseases

Farmers' Bulletins:

F 2004. Controlling the Japanese beetle. 1949; slightly revised 1952.
 F 2048. Controlling nematodes in the home garden. 1952.

Leaflets:

L 161. The eastern tent caterpillar. 1938; slightly revised 1949.
 L 236. Preventing damage to commercial dried fruits by the raisin moth. 1943.

Circulars:

C 270. Orchard insects of the Pacific Northwest and their control. 1933; revised 1950.
 C 920. The Hall scale eradication project. 1953.

Picture Sheets:

PS 4. The Japanese beetle. 5¾ by 9¼ inches. Colored. 1939; revised 1951.

Yearbook Separates:

YS 2319. Oil sprays for fruit trees. 1952.
 YS 2374. The oriental fruit fly. 1952.
 YS 2375. The Mexican fruit fly. 1952.

General Marketing

Farmers' Bulletins:

F 2013. Containers in common use for fresh fruits and vegetables. 1950.

Agriculture Information Bulletins:

*AB 42. Use of fruits by Chicago bakers. 1951. 50¢. For sale only.

Circulars:

C 627. Fruit pressure testers and their practical applications. 1941.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Home and Garden Bulletins:

G 21. A fruit and vegetable buying guide for consumers. 1952.

Miscellaneous Publications:

*M 460. The ABC of canned fruit and vegetable labeling. 1941. **5¢.**
For sale only.

M 565. Outline of suggested specifications for purchasing processed fruits and vegetables. 1945.

M 598. Questions and answers on government inspection of processed fruits and vegetables. 1946.

*M 604. Standardization and inspection of fresh fruits and vegetables. 1946. **10¢.** **For sale only.**

Statistical Bulletins:

SB 114. Fruits—noncitrus: Production, farm disposition, value, and utilization of sales, 1944–49. Revised estimates. 1952.

Apples**Farmers' Bulletins:**

F 1380. Apple scald and its control. 1923; revised 1954.

F 1897. Establishing and managing young apple orchards. 1942.

Leaflets:

L 187. Blight of pears, apples, and quinces. 1939; revised 1954.

L 274. Control of apple tree borers. 1950.

Agriculture Information Bulletins:

*AB 6. Farm-to-retail margins for Washington Delicious apples marketed in Chicago, 1947–48 season. 1949. **15¢.** **For sale only.**

*AB 29. Prepackaging apples at point of production. 1951. **30¢.**
For sale only.

AB 44. Farm-to-retail margins from Appalachian apples marketed in Pittsburgh, 1949–50 season. 1951.

AB 47. Marketing charges for apples sold in Pittsburgh, December 1949–May 1950. 1951.

Circulars:

*C 659. Handling apples from tree to table. 1942; revised 1951. **20¢.**
For sale only.

*C 759. Coordinated management for harvesting, storing, and marketing Northwest apples. 1947. **10¢.** **For sale only.**

*C 828. Scraping and banding apple trees as a supplementary codling moth control measure in the Pacific Northwest. 1949. **10¢.**
For sale only.

C 935. Relation of bruising and other factors to blue mold decay of Delicious apples. 1954.

Marketing Research Reports:

*MRR 49. Apple handling methods and equipment in Pacific Northwest packing and storage houses. 1953. **\$1.50.** **For sale only.**

MRR 55. Methods and costs of loading apples in the orchard in the Pacific Northwest. 1954.

MRR 71. Handling empty apple boxes in Pacific Northwest packing and storage houses. 1954.

Technical Bulletins:

*T 1003. Evaluation of indexes of maturity for apples. 1950. **15¢.**
For sale only.

Berries**Farmers' Bulletins:**

F 887. Raspberry culture. 1917; revised 1948.

F 1026. Strawberry culture: South Atlantic and Gulf Coast regions. 1919; slightly revised 1948.

F 1027. Strawberry culture: Western United States. 1919; revised 1948.

F 1028. Strawberry culture: Eastern United States. 1919; slightly revised 1944.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Farmers' Bulletins—Continued

- F 1043. Strawberry varieties in the United States. 1919; revised 1948.
- F 1398. Currants and gooseberries: Their culture and relation to white-pine blister rust. 1924; slightly revised 1946.
- F 1488. Diseases of raspberries and blackberries. 1926; revised 1941.
- F 1560. Preparing strawberries for market. 1928; revised 1950.
- F 1891. Diseases of strawberries. 1941; revised 1948.
- F 1951. Blueberry growing. 1944; revised 1951.
- F 1995. Growing erect and trailing blackberries. 1948.

Citrus**Farmers' Bulletins:**

- F 1763. Harvesting and handling citrus fruits in the Gulf States. 1937; revised 1950.
- F 2012. Control of the citrus rust mite. 1950.

Agriculture Information Bulletins:

- *AB 2. Citrus preferences among household consumers in Louisville and in Nelson County, Kentucky. 1950. **25¢. For sale only.**
- AB 50. Consumers' use of and opinions about citrus products. 1951.
- *AB 62. Transportation of frozen citrus concentrate by railroad and motortruck from Florida to northern markets. 1951. **40¢. For sale only.**

Agriculture Monographs:

- *AM 3. Citrus fruit during World War II. 1950. **40¢. For sale only.**

Circulars:

- C 896. Control of the purple scale on citrus with parathion. 1952.

Marketing Research Reports:

- MRR 27. Marketing charges for oranges sold in Pittsburgh and Cleveland, 1949-50 season. 1953.

Technical Bulletins:

- T 1072. Seasonal changes in Florida Temple oranges. 1953.

Dates**Circulars:**

- *C 728. Date culture in the United States. 1945; revised 1951. **25¢. For sale only.**
- *C 834. Imported varieties of dates in the United States. 1950. **40¢. For sale only.**
- *C 846. Date palm insects in the United States. 1950. **25¢. For sale only.**

Grapes**Farmers' Bulletins:**

- F 1454. Home utilization of muscadine grapes. 1925; slightly revised 1942.
- F 1785. Muscadine grapes. 1938; revised 1947.
- F 1893. Control of grape diseases and insects in eastern United States. 1942; revised 1951.
- F 1936. Grapes for different regions. 1943.
- F 1970. Conserving soil and moisture in orchards and vineyards. 1945.

Circulars:

- C 882. The Cardinal, Calmeria, and Blackrose grapes for vinifera regions. 1951.

Technical Bulletins:

- T 899. Precooling California grapes and their refrigeration in transit. 1945.

Peaches**Farmers' Bulletins:**

- F 1246. The peach borer: How to prevent or lessen its ravages; the paradichlorobenzene treatment. 1921; slightly revised 1943.
- F 1702. Preparing peaches for market. 1933; revised 1951.
- F 1861. Insect pests of the peach. 1941; revised 1954.
- F 2021. Peach growing east of the Rocky mountains. 1951.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Agriculture Information Bulletins:

*AB 54. Peaches . . . facts for consumer education. 1951. 10¢. For sale only.

Circulars:

C 885. Ten peaches and a nectarine for the Western States. 1951.

Miscellaneous Publications:

*M 228. Market diseases of fruits and vegetables: Peaches, plums, cherries, and other stone fruits. 1937; revised 1950. 75¢. For sale only.

Program Aids:

PA 224. Mosaic disease of peaches: Its cause and control. 1953.

PA 225. How to reduce losses from phony disease of peaches. 1953.

Pears

Farmers' Bulletins:

F 1739. Pear growing in the Pacific Coast States. 1935; revised 1949.

Leaflets:

L 187. Blight of pears, apples, and quinces. 1939; revised 1954.

Circulars:

C 941. Handling and commercial utilization of the Kieffer pear. 1954.

Technical Bulletins:

*T 759. Physiological investigations on fall and winter pears in the Pacific Northwest. 1941. 15¢. For sale only.

Other Fruits

Farmers' Bulletins:

F 685. The native persimmon. 1915; revised 1942.

F 776. Growing cherries east of the Rocky Mountains. 1916; revised 1948.

F 1249. Olive growing in the southwestern United States. 1922; slightly revised 1942.

F 1372. Plum and prune growing in the Pacific States. 1924; slightly revised 1943.

Leaflets:

L 158. Quince growing. 1938.

L 187. Blight of pears, apples, and quinces. 1939; revised 1954.

Agriculture Handbooks:

*AH 10. Virus diseases and other disorders with viruslike symptoms of stone fruits in North America. 1951. \$2.50. For sale only.

Miscellaneous Publications:

*M 228. Market diseases of fruits and vegetables: Peaches, plums, cherries, and other stone fruits. 1937; revised 1950. 75¢. For sale only.

Puerto Rico Federal Experiment Station Circulars:

*PRC 33. Growing avocados in Puerto Rico. 1951. 20¢. For sale only.

MUSHROOMS

Farmers' Bulletins:

F 1875. Mushroom growing in the United States. 1941.

Circulars:

*C 143. Some common mushrooms and how to know them. 1931; slightly revised 1946. 25¢. For sale only.

*C 457. Mushroom pests and their control. 1938; revised 1941. 15¢. For sale only.

Yearbook Separates:

YS 2197. Production of mushroom mycelium. 1951.

NUTS

Farmers' Bulletins:

F 1501. Nut-tree propagation. 1926.

F 1829. Insects and diseases of the pecan and their control. 1940; revised 1954.

F 2031. Tung production. 1951.

F 2063. Growing peanuts. 1954.

F 2068. Chestnut blight and resistant chestnuts. 1954.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Leaflets:

L 84. Planting black walnut. 1932.

Agriculture Monographs:

*AM 19. A synopsis of the genus *Arachis*. 1954. 15¢. For sale only.

Circulars:

*C 818. Use of the parasite *Trichogramma minutum* for controlling pecan insects. 1949. 10¢. For sale only.

*C 840. Suitability of various soils for tung production. 1950. 10¢. For sale only.

Marketing Research Reports:

*MRR 10. Tung processing and marketing practices and costs. 1952. 20¢. For sale only.

MRR 16. Peanuts and their uses for food. 1952.

MRR 29. Peanut snack and peanut spread: Potential new products. 1952.

Technical Bulletins:

T 996. Use of ethylene in harvesting the Persian walnut (*Juglans regia*) in California. 1950.

*T 1011. Parasites of the pecan nut casebearer in Texas. 1950. 10¢. For sale only.

*T 1085. Nutrient element balance: Response of tung trees grown in sand culture to potassium, magnesium, calcium, and their interactions. 1953. 25¢. For sale only.

OIL CROPS, OILS, AND FATS**Farmers' Bulletins:**

F 1249. Olive growing in the southwestern United States. 1922; slightly revised 1942.

F 1520. Soybeans: Culture and varieties. 1927; revised 1949.

F 1793. Flaxseed production in the far Western States. 1937.

F 1988. Mint farming. 1948; revised 1954.

F 2031. Tung production. 1951.

F 2041. Castorbean production. 1952.

F 2063. Growing peanuts. 1954.

Agriculture Information Bulletins:

AB 79. Cottonseed oil mill characteristics and marketing practices. 1951.

*AB 103. Cottonseed oil mills: Their comparative efficiencies and effects on prices and producers' returns. 1953. 20¢. For sale only.

Circulars:

*C 806. Methods of determining the oil content of tung fruits and factors affecting it. 1949. 10¢. For sale only.

*C 840. Suitability of various soils for tung production. 1950. 10¢. For sale only.

Marketing Research Reports:

*MRR 10. Tung processing and marketing practices and costs. 1952. 20¢. For sale only.

MRR 35. Soybeans: Economic analyses relating to processing. 1953.

MRR 54. Comparative economies of different types of cottonseed oil mills and their effects on oil supplies, prices, and returns to growers. 1954.

*MRR 58. Processing the three major oilseeds. 1954. 25¢. For sale only.

Puerto Rico Federal Experiment Station Bulletins:

*PRB 50. The production of lemon-grass oil. 1950. 15¢. For sale only.

Puerto Rico Federal Experiment Station Circulars:

*PRC 30. Bay oil production in Puerto Rico. 1948. 15¢. For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Technical Bulletins:

T 16. Methods of extracting volatile oils from plant material and the production of such oils in the United States. 1928; revised 1952.

*T 821. Nutritive properties of lard and other shortenings. 1942. 5¢. **For sale only.**

*T 938. Flaxseed in American farming. 1947. 15¢. **For sale only.**

*T 940. Oil crops in American farming. 1947. 15¢. **For sale only.**

*T 1043. Marketing potential for oilseed protein materials in industrial uses. 1951. 30¢. **For sale only.**

*T 1068. The demand and price structure for food fats and oils. 1953. 25¢. **For sale only.**

*T 1085. Nutrient element balance: Response of tung trees grown in sand culture to potassium, magnesium, calcium, and their interactions. 1953. 25¢. **For sale only.**

Yearbook Separates:

YS 2243. Removing the glands from cottonseed. 1951.

YS 2244. Separating the fractions of cottonseed. 1951.

YS 2247. The flavor problem of soybean oil. 1951.

YS 2249. The domestic tung-oil industry. 1951.

YS 2250. Some of the minor oil crops. 1951.

RUBBER PLANTS

Circulars:

C 842. Damage to guayule by insects and mites with notes on control. 1950.

*C 913. Diplodia infection of Hevea buddings and its prevention by the use of a protective fungicide. 1953. 15¢. **For sale only.**

Miscellaneous Publications:

*M 618. Russian dandelion (kok-saghyz), an emergency source of natural rubber. 1947. 55¢. **For sale only.**

Technical Bulletins:

*T 882. South American leaf blight of hevea rubbertrees. 1945. 10¢. **For sale only.**

*T 915. Contribution to the morphology and anatomy of *Cryptostegia* (*Cryptostegia grandiflora*). 1946. 15¢. **For sale only.**

*T 918. Polyploidy and aneuploidy in guayule. 1946. 10¢. **For sale only.**

*T 925. Growth and rubber accumulation in guayule as conditioned by soil salinity and irrigation regime. 1946. 10¢. **For sale only.**

*T 1028. Target leaf spot of the hevea rubbertree in relation to host development, infection, defoliation, and control. 1951. 15¢. **For sale only.**

T 1040. Interspecific and intergeneric grafts, with special reference to formation of rubber in guayule. 1951.

Yearbook Separates:

YS 2215. Opportunities to grow our own rubber. 1951.

SEEDS AND SEEDLINGS

NOTE: The United States Department of Agriculture has no seeds for sale or for free distribution.

Farmers' Bulletins:

F 1390. Vegetable seeds for the home and market garden. 1924; slightly revised 1942.

F 1629. Steam sterilization of soil for tobacco and other crops. 1930; slightly revised 1937.

F 1793. Flaxseed production in the far Western States. 1937.

F 1822. Seed corn. 1939.

F 1985. Seed for regrassing Great Plains areas. 1947.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Leaflets:

- *L 93. Red-clover seed production in the Intermountain States. 1932. 5¢. For sale only.
- L 181. Drying seed cotton. 1939; revised 1949.
- L 217. Cotton ginning for pure seed preservation. 1942; slightly revised 1943.
- L 243. Sphagnum moss for seed germination. 1944.
- L 300. Grass seed production on irrigated land. 1951.

Agriculture Handbooks:

- *AH 30. Manual for testing agricultural vegetable seeds. 1952. \$4.00. For sale only.

Agriculture Information Bulletins:

- AB 39. The grading of cottonseed. 1951.

Circulars:

- *C 753. Relation of temperatures and seed moisture to the viability of stored soybean seed. 1946. 5¢. For sale only.
- *C 857. Identification of *Brassicas* by seedling growth or later vegetative stages. 1950. 15¢. For sale only.
- C 874. Injury to seed beans during threshing and processing. 1951.
- C 876. Use of honey bees in alfalfa seed production. 1951.

Marketing Research Reports:

- *MRR 58. Processing the three major oilseeds. 1954. 25¢. For sale only.

Miscellaneous Publications:

- M 219. Treat seed grain. 1934; revised 1949.
- *M 643. Distinguishing the species of *Brassica* by their seed. 1948. 15¢. For sale only.
- *M 654. Woody-plant seed manual. 1948. \$3.75. For sale only.

Statistical Bulletins:

- SB 90. Cottonseed-supply areas. 1950.
- *SB 119. Farm production, farm disposition, and value of field seed crops, 1939-50, by states. Revised estimates. 1952. 35¢. For sale only.

Technical Bulletins:

- *T 924. Studies on handling and transplanting guayule nursery stock. 1947. 20¢. For sale only.
- *T 938. Flaxseed in American farming. 1947. 15¢. For sale only.
- T 972. Vegetable-seed storage as affected by temperature and relative humidity. 1948.
- T 974. Yield and composition of cottonseed as influenced by fertilization and other environmental factors. 1949.

Yearbook Separates:

- *YS 2039. The need for seed is urgent. 1948. 5¢. For sale only.
- *YS 2060. Grass and legume seed production. 1948. 5¢. For sale only.
- *YS 2106. The Mountain Region: Recommendations for seeding and other data. 1948. 5¢. For sale only.
- YS 2242. New ideas on problems of storage. 1951.
- YS 2386. Insect pests of stored grains and seed. 1952.

SHADE TREES AND ORNAMENTAL PLANTS

Farmers' Bulletins:

- F 1171. Growing annual flowering plants. 1921; revised 1950.
- F 1318. Greenhouse construction and heating. 1923; slightly revised 1952.
- F 1567. Propagation of trees and shrubs. 1929; slightly revised 1945.
- *F 1849. Useful and ornamental gourds. 1940. 10¢. For sale only.
- F 1855. Culture, diseases, and pests of the box tree. 1940; slightly revised 1947.
- F 1872. House plants. 1941.

Farmers' Bulletins—Continued

- F 1895. Land slugs and snails and their control. 1942; revised 1953.
- F 1896. Care of damaged shade trees. 1942; slightly revised 1950.
- F 1898. Hedge plants for the northern Great Plains. 1942.
- F 1967. Reducing damage to trees from construction work. 1945.
- F 1987. Common diseases of important shade trees. 1948.
- F 2004. Controlling the Japanese beetle. 1949; slightly revised 1952.
- F 2015. Ornamental woody vines for the southern Great Plains. 1950.
- F 2019. Ornamental hedges for the central Great Plains. 1950.
- F 2025. Ornamental shrubs for the southern Great Plains. 1951.
- F 2048. Controlling nematodes in the home garden. 1952.
- F 2055. Ornamental hedges for the southern Great Plains. 1953.

Leaflets:

- L 90. Rockeries. 1932.
- L 124. Sash greenhouses. 1937; slightly revised 1946.
- L 161. The eastern tent caterpillar. 1938; slightly revised 1949.
- L 183. Cankerworms. 1939; revised 1953.
- L 184. The elm leaf beetle. 1939; revised 1952.
- L 185. Elm bark beetles. 1939.
- L 199. Gardenia culture. 1940.
- L 206. Culture of orchids. 1941.
- L 256. Multiflora rose for living fences and wildlife cover. 1949; slightly revised 1950.
- L 281. Pointers on making good lawns. 1950.
- L 290. Protection of turf from damage by Japanese beetle grubs. 1950.
- L 292. Russian-olive for wildlife and good land use. 1951.
- L 329. Control of Dutch elm disease and elm phloem necrosis. 1952.
- L 349. An improved method of making plant containers. 1953.

Agriculture Information Bulletins:

- *AB 22. Palm trees in the United States. 1950. **15¢. For sale only.**

Agriculture Monographs:

- *AM 17. Yuccas of the Southwest. 1953. **50¢. For sale only.**
- *AM 20. The Glenn Dale azaleas. 1953. **40¢. For sale only.**

Bibliographical Bulletins:

- *B 23. Guide to popular floras of the United States and Alaska. 1954. **25¢. For sale only.**

Circulars:

- C 647. Toxic and repellent sprays for the control of elm bark beetles. 1942.
- *C 853. Clitocybe root rot of woody plants in the southeastern United States. 1950. **15¢. For sale only.**
- C 887. Shrub plantings for soil conservation and wildlife cover in the Northeast. 1951.
- *C 912. Tree and shrub species for the northern Great Plains. 1953. **20¢. For sale only.**
- *C 924. Thirty-one-year results in growing shelterbelts on the northern Great Plains. 1953. **25¢. For sale only.**

Home and Garden Bulletins:

- G 25. Roses for the home. 1953.
- G 28. Ants in the home and garden: How to control them. 1953.

Marketing Research Reports:

- MRR 33. Trade in horticultural specialties: A statistical compendium. 1953.

Miscellaneous Publications:

- *M 626. Handbook of insect enemies of flowers and shrubs. 1948. **45¢. For sale only.**

Picture Sheets:

- PS 4. The Japanese beetle. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1939; revised 1951.
- *PS 6. Gladiolus thrips. $5\frac{3}{4}$ by $9\frac{1}{4}$ inches. Colored. 1941; revised 1950. **5¢. For sale only.**

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Technical Bulletins:

T 785. Fungi causing decay of living oaks in the eastern United States and their cultural identification. 1942.

Yearbook Separates:

YS 2110. Shade trees for the Northeast. 1949.
 YS 2111. Shade trees for the Southeast. 1949.
 YS 2112. Shade trees for the Plains. 1949.
 YS 2114. Shade trees for California. 1949.
 YS 2115. Shade trees for the North Pacific Area. 1949.
 YS 2116. Keeping shade trees healthy. 1949.
 *YS 2134. Arborets, places of beauty and science. 1949. 5¢. For sale only.
 YS 2135. The National Arboretum. 1949.

Unnumbered:

*Marketing information for commercial floriculture. 1952. 15¢. For sale only.
 *Marketing information for commercial ornamental horticulture. 1952. 15¢. For sale only.

SUGAR CROPS

Farmers' Bulletins:

*F 1366. Production of maple sirup and sugar. 1924; slightly revised 1937. 10¢. For sale only.
 F 1619. Sorgo for sirup production: Culture, harvesting, and handling. 1930; slightly revised 1942.
 F 1791. Farm production of sorgo sirup. 1938.
 F 1903. Sugar-beet culture in the Intermountain Area with curly top resistant varieties. 1942.
 F 2029. Sugar beet culture in the northern Great Plains area. 1951.
 F 2054. Control of the sugar beet nematode. 1952.
 F 2060. Sugar beet culture in the North Central States. 1954.

Agriculture Information Bulletins:

AB 48. Competitive relationships between sugar and corn sweeteners. 1951.
 AB 82. Marketing industrial molasses. 1951.
 AB 111. The United States sugar program. 1953.

Circulars:

C 284. Sugarcane for sirup production. 1933; revised 1940.
 C 513. Curly-top-resistant sugar-beet varieties in 1938. 1939.
 *C 739. Natural replacement of weed hosts of the beet leafhopper as affected by rodents. 1946. 30¢. For sale only.
 C 779. Effect of crop rotation and manure on the yield and quality of sugar beets, United States Scotts Bluff (Nebr.) Field Station, 1930-41. 1948.
 C 878. Pests of sugarcane and their control. 1951.
 *C 907. Economics of sugar-beet mechanization in California. 1952. 15¢. For sale only.

Marketing Research Reports:

*MRR 52. Marketing liquid sugar. 1953. 40¢. For sale only.

Technical Bulletins:

*T 811. A comparative analysis of the vegetative characteristics of some variants of *Saccharum spontaneum*. 1942. 10¢. For sale only.
 T 939. Inversion of sucrose and other physiological changes in harvested sugarcane in Louisiana. 1948.
 *T 951. Vegetable characteristics of some wild forms of saccharum and related grasses. 1948. 20¢. For sale only.
 *T 955. Mosaic of sugarcane in the United States, with special reference to strains of the virus. 1948. 35¢. For sale only.
 *T 957. Anatomy and morphology of the vegetative organs of *Sorghum vulgare*. 1948. 20¢. For sale only.

Technical Bulletins—Continued

- *T 991. Effect of freezing temperatures on different varieties of sugarcane and the millability of damaged sugarcane in Louisiana. 1949. 15¢. **For sale only.**
- T 1006. Relative resistance of parent and progeny varieties of *Saccharum*, *Erianthus*, and *Sorghum* to inversion of sucrose in the southern United States. 1950.
- T 1021. Effect of burning on the deterioration of sugarcane under Louisiana conditions. 1950.
- *T 1030. Dissemination of the beet leafhopper in California. 1951. 25¢. **For sale only.**
- T 1038. Structure and taxonomic value of the dewlap in sugarcane. 1951.
- T 1059. Effects of breakage on plant development and field production with sugarcane. 1952.

Yearbook Separates:

- *YS 1930. Progress with sugar sorgo. 1947. 5¢. **For sale only.**
- *YS 1931. New kinds of sugarcane. 1947. 5¢. **For sale only.**
- *YS 1932. Saving our sugar beets. 1947. 5¢. **For sale only.**
- YS 2205. The production and use of sugarcane. 1951.
- YS 2206. Developments in handling sugar beets. 1951.

TOBACCO**Farmers' Bulletins:**

- F 523. Tobacco curing. 1913; revised 1947.
- F 571. Tobacco culture. 1914; revised 1949.
- F 1494. Tobacco cutworms and their control. 1926; slightly revised 1949.
- F 1531. The tobacco budworm and its control. 1927; revised 1953.
- F 1629. Steam sterilization of soil for tobacco and other crops. 1930; slightly revised 1937.
- F 2001. Producing cigar tobacco in Pennsylvania. 1948.
- F 2023. Tobacco diseases and their control. 1950.

Leaflets:

- L 237. Control of mole crickets by use of poisoned baits. 1943; revised 1953.
- L 336. Control of hornworms on tobacco. 1953.

Agricultural Information Series:

- IS 37. Blue mold control in tobacco beds. 1945; slightly revised 1947.

Circulars:

- *C 727. Flue-cured tobacco resistant to bacterial (Granville) wilt. 1945. 5¢. **For sale only.**
- C 869. Control of insects in stored and manufactured tobacco. 1951.

Marketing Research Reports:

- *MRR 9. Flue-cured tobacco: Price differences among types 11(a)-13. 1952. 10¢. **For sale only.**

Statistical Bulletins:

- SB 92. Annual report on tobacco statistics, 1950. 1950.
- SB 103. Annual report on tobacco statistics, 1951. 1951.
- SB 117. Annual report on tobacco statistics, 1952. 1952.
- SB 138. Annual report on tobacco statistics, 1953. 1953.

Technical Bulletins:

- T 913. Marketing and manufacturing margins for tobacco. 1946.
- *T 1009. Boron, copper, manganese, and zinc requirement tests of tobacco. 1950. 10¢. **For sale only.**
- T 1032. Biochemical changes in tobacco during flue curing. 1951.
- *T 1047. Effect of soil treatments with DDT, benzene hexachloride, and toxaphene on tobacco, cotton, and cowpeas. 1951. 15¢. **For sale only.**

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

VEGETABLES

City and Suburban Gardening

Farmers' Bulletins:

F 1743. Hotbeds and coldframes. 1935; slightly revised 1952.

Home and Garden Bulletins:

G 7. Growing vegetables in town and city. 1951.
 G 9. Suburban and farm vegetable gardens. 1951.
 G 23. Vegetable gardeners' handbook on insects and diseases. 1953.

FARM AND MARKET GARDENING

General

Farmers' Bulletins:

F 1318. Greenhouse construction and heating. 1923; slightly revised 1952.
 F 1390. Vegetable seeds for the home and market garden. 1924; slightly revised 1942.
 F 1468. Muskmelons. 1926; revised 1951.
 F 1743. Hotbeds and coldframes. 1935; slightly revised 1952.
 F 2000. Home vegetable gardening in the Central and High Plains and mountain valleys. 1949.
 F 2013. Containers in common use for fresh fruits and vegetables. 1950.
 F 2044. Using electricity in watering farm gardens. 1952.

Leaflets:

L 124. Sash greenhouses. 1937; slightly revised 1946.

Circulars:

*C 713. Freezing injury of fruits and vegetables. 1944. 10¢. For sale only.
 *C 773. Spoilage of fresh fruits and vegetables in rail shipments unloaded at New York City, 1935-42. 1948. 15¢. For sale only.

Home and Garden Bulletins:

G 9. Suburban and farm vegetable gardens. 1951.
 G 21. A fruit and vegetable buying guide for consumers. 1952.

Miscellaneous Publications:

M 565. Outline of suggested specifications for purchasing processed fruits and vegetables. 1945.
 M 598. Questions and answers on government inspection of processed fruits and vegetables. 1946.
 *M 604. Standardization and inspection of fresh fruits and vegetables. 1946. 10¢. For sale only.

Puerto Rico Federal Experiment Station Circulars:

*PRC 32. Vegetable gardening in the Tropics. 1950. 40¢. For sale only.

Statistical Bulletins:

SB 126. Commercial vegetables for fresh market, acreage, production, value . . . by seasonal groups and states. Revised estimates, 1939-50. 1953.
 SB 132. Vegetables for commercial processing, acreage, production, value, 1918-50, by states. Revised estimates. 1953.

Technical Bulletins:

T 972. Vegetable-seed storage as affected by temperature and relative humidity. 1948.

General Insects and Diseases

Farmers' Bulletins:

F 1895. Land slugs and snails and their control. 1942; revised 1953.
 *F 1928. Mormon crickets and their control. 1943. 10¢. For sale only.
 F 2048. Controlling nematodes in the home garden. 1952.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Leaflets:

- L 212. The sand wireworm. 1941.
- L 237. Control of mole crickets by use of poisoned baits. 1943; revised 1953.
- L 350. The imported fire ant: How to control it. 1954.

Circulars:

- *C 713. Freezing injury of fruits and vegetables. 1944. 10¢. **For sale only.**
- *C 926. Effect of soil applications of insecticides on the growth and yield of vegetable crops. 1953. 10¢. **For sale only.**

Home and Garden Bulletins:

- G 23. Vegetable gardeners' handbook on insects and diseases. 1953.
- G 28. Ants in the home and garden: How to control them. 1953.
- G 29. Cutworms in the garden: How to control them. 1953.

Technical Bulletins:

- T 1016. Vegetable weevils and their natural enemies in Argentina and Uruguay. 1950.
- T 1034. Effect on truck crops of DDT applied to the foliage. 1951.

Beans and Peas**Farmers' Bulletins:**

- F 1624. The Mexican bean beetle in the East, and its control. 1930; revised 1953.
- F 1692. Bean diseases and their control. 1932; revised 1949.
- F 1735. Pea diseases and their control. 1934; revised 1945.
- F 1915. Snap beans for marketing, canning and freezing. 1942; revised 1954.
- *F 1920. Growing peas for canning and freezing. 1942. 10¢. **For sale only.**
- F 1945. The pea aphid on peas and methods for its control. 1943; revised 1952.
- F 1971. The pea weevil and methods for its control. 1946; revised 1952.
- F 1996. Growing dry beans in the Western States. 1947.

Leaflets:

- L 223. Growing field beans in humid areas. 1942.

Agricultural Information Series:

- IS 61. Saving beans from mosaic. 1947.
- IS 62. Saving beans from bacterial blight. 1947.
- IS 70. Saving beans from watery soft rot. 1948.

Circulars:

- *C 856. Pea and bean huller for use in locker and community canning plants. 1950. 5¢. **For sale only.**
- C 874. Injury to seed beans during threshing and processing. 1951.

Picture Sheets:

- PS 2. Mexican bean beetle. 5¾ by 9¼ inches. Colored. 1937.

Technical Bulletins:

- T 810. The factorial interpretation of anthracnose resistance in beans. 1942.
- *T 867. Responses of beans (*Phaseolus*) and other legumes to length of day. 1944. 10¢. **For sale only.**
- *T 934. Marketing margins and costs for grains, grain products, and dry edible beans. 1947. 25¢. **For sale only.**
- T 1036. Parasites of the lima-bean pod borer in Europe. 1951.
- T 1039. Effect of winter cover crops on wireworm injury to the dry lima bean crop. 1951.
- T 1044. Marketing dry edible beans and peas. 1951.

Yearbook Separates:

- YS 2371. The pea weevil. 1952.
- YS 2372. The pea aphid. 1952.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Cabbage

Farmers' Bulletins:

F 1423. Preparation of cabbage for market. 1924; revised 1948.
 F 1439. Diseases of cabbage and related plants. 1927; revised 1948.

Circulars:

*C 775. Yellows-resistant varieties of cabbage in the early and mid-season roundhead groups. 1948. 10¢. For sale only.
 *C 857. Identification of *Brassicas* by seedling growth or later vegetative stages. 1950. 15¢. For sale only.

Picture Sheets:

PS 5. Harlequin bug. 5¾ by 9¼ inches. Colored. 1940; revised 1950.
 PS 9. Imported cabbage worm. 5¾ by 9¼ inches. Colored. 1941; revised 1951.

Carrots

Leaflets:

L 353. Commercial growing of carrots. 1954.

Circulars:

C 877. Cultural studies on carrot stocklings in relation to seed production. 1951.
 C 892. Studies of soil moisture and spacing for seed crops of carrots and onions. 1951.

Marketing Research Reports:

MRR 31. Marketing charges for carrots sold in Pittsburgh, Pa., Dec. 1949-June 1950 and in Cleveland, Ohio, Feb.-June, 1950. 1953.

Corn

Farmers' Bulletins:

F 2042. Commercial growing of sweet corn. 1952.

Leaflets:

L 284. Protect your garden corn from earworms. 1950; slightly revised 1952.

Circulars:

*C 657. Mineral-oil treatment of sweet corn for earworm control. 1942. 5¢. For sale only.

Picture Sheets:

PS 11. Corn earworm. 5¾ by 9¼ inches. Colored. 1941; revised 1950.
 PS 14. European corn borer. 5¾ by 9¼ inches. Colored. 1945; revised 1948.

Cucumbers

Farmers' Bulletins:

F 1563. Cucumber growing. 1928; revised 1942.

Picture Sheets:

PS 7. Striped cucumber beetle. 5¾ by 9¼ inches. Colored. 1941; revised 1950.

Lettuce

Farmers' Bulletins:

F 1418. Lettuce growing in greenhouses. 1924; revised 1949.
 F 1953. Lettuce varieties and culture. 1944; revised 1951.

Circulars:

*C 881. Recently introduced varieties of head lettuce and methods used in their development. 1951. 15¢. For sale only.

Plant Disease Posters:

No. 71. Lettuce diseases. Tipburn. 7¼ by 12 inches. Colored. 1944.

Onions

Farmers' Bulletins:

F 1060. Onion diseases and their control. 1919; slightly revised 1947.
 F 1955. Onion-set production. 1944; slightly revised 1946.
 F 1956. Growing the transplant onion crop. 1944; revised 1949.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Circulars:

C 892. Studies of soil moisture and spacing for seed crops of carrots and onions. 1951.

Technical Bulletins:

*T 874. Inbreeding and heterosis and their relation to the development of new varieties of onions. 1944. 10¢. **For sale only.**

Yearbook Separates:

*YS 1927. The story of hybrid onions. 1947. 5¢. **For sale only.**

Potatoes**Farmers' Bulletins:**

F 1881. Potato diseases and their control. 1941; revised 1948.
 *F 1904. Potato production in the Southern States. 1942. 10¢. **For sale only.**
 F 1958. Potato production in the Northeastern and North Central States. 1944; revised 1948.
 *F 1986. Potato storage. 1947. 15¢. **For sale only.**
 F 2034. Potato growing in the Western States. 1951.
 F 2040. Control of potato insects. 1952.

Leaflets:

L 361. The golden nematode of potatoes and tomatoes: How to prevent its spread. 1954.

Agriculture Information Bulletins:

*AB 102. Farming alternatives for potato growers on the Eastern Shore (Virginia-Maryland). 1953. 45¢. **For sale only.**
 *AB 114. Highlights of potato marketing. 1953. 20¢. **For sale only.**

Alaska Agricultural Experiment Station Circulars:

*AESC 7. Potato storage in Alaska's Matanuska Valley. 1948. 10¢.
For sale only.

Bibliographical Bulletins:

B 11. Handling, storage, transportation, and utilization of potatoes. A digest of information on the subject published mostly from 1938 to 1948. 1949.

Circulars:

*C 741. Descriptions of and key to American potato varieties. 1946. 60¢. **For sale only.**
 *C 744. Handling and shipping early potatoes. 1946. 15¢. **For sale only.**
 *C 764. Production of disease-free seed potatoes. 1948. 20¢. **For sale only.**
 C 872. Cooking quality, specific gravity, and reducing-sugar content of early-crop potatoes. 1951.
 *C 936. Chipping quality of eight potato varieties as affected by source and by storage treatment. 1954. 10¢. **For sale only.**

Marketing Research Reports:

*MRR 70 White potato storages for New Jersey, Long Island, and South-eastern Pennsylvania. 1954. 20¢. **For sale only.**

Miscellaneous Publications:

*M 667. Potato preferences among household consumers. 1948. 25¢.
For sale only.
 *M 682. Potato preferences among restaurant and hotel buyers. 1949. 25¢. **For sale only.**

Picture Sheets:

PS 8. Potato leafhopper. 5¾ by 9¼ inches. Colored. 1941; revised 1951.

Statistical Bulletins:

SB 122. Potatoes—Acreage, production, value, farm disposition, Jan. 1 stocks (1866-1950.) 1953.
 SB 140. Potato prices, 1909-1952. 1954.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Technical Bulletins:

T 668. Bruising, freezing, and chemical injury of potatoes in transit. 1939; revised 1952.

Yearbook Separates:

YS 2368. The potato psyllid. 1952.
YS 2369. Potato aphids. 1952.

Posters:

U. S. consumer grades for potatoes. 30 by 45 inches. Black, white, and red. 1950.

Sweetpotatoes**Farmers' Bulletins:**

F 1059. Sweetpotato diseases. 1919; revised 1944.
*F 1267. Utilization of the flue-heated tobacco barns for sweetpotato storage. 1922; slightly revised 1943. 5¢. For sale only.
F 1442. Storage of sweetpotatoes. 1925; revised 1948.
F 2020. Commercial growing and harvesting of sweetpotatoes. 1950.

Leaflets:

L 121. The sweetpotato weevil and how to control it. 1937; revised 1954.
L 280. Preventing black rot losses in sweetpotatoes. 1950.

Circulars:

C 832. Cooperative studies on the effects of height of ridge, nitrogen supply, and time of harvest on yield and flesh color of the Porto Rico sweetpotato. 1950.
C 841. Cooperative studies of the delayed harvesting of sweetpotatoes. 1950.

Yearbook Separates:

YS 2370. Sweetpotato weevil. 1952.

Plant Disease Posters:

No. 73. Sweetpotato diseases. 7½ by 12 inches. Colored. 1944.
Black rot, various stages of decay.

Tomatoes**Farmers' Bulletins:**

F 1291. Preparation of fresh tomatoes for market. 1922; revised 1948.
F 1934. Tomato diseases. 1943; revised 1948.
F 2045. Commercial production of tomatoes. 1952.

Leaflets:

L 361. The golden nematode of potatoes and tomatoes: How to prevent its spread. 1954.
L 367. The tomato fruitworm: How to control it. 1954.

Agriculture Information Bulletins:

*AB 32. Tomatoes . . . facts for consumer education. 1951. 10¢.
For sale only.

Circulars:

C 584. Development of interspecific tomato hybrids of horticultural value and highly resistant to fusarium wilt. 1941.
C 611. The Pan American tomato, a new red variety highly resistant to fusarium wilt. 1941.

Marketing Research Reports:

*MRR 20. Prepackaging tomatoes. 1952. 30¢. For sale only.

Picture Sheets:

PS 1. Tomato hornworms. 5¾ by 9¼ inches. Colored. 1937.
PS 13. Tomato fruitworm. 5¾ by 9¼ inches. Colored. 1941; revised 1950.

Technical Bulletins:

*T 705. Differences in growth characters and pathogenicity of fusarium wilt isolations tested on three tomato varieties. 1940. 5¢.
For sale only.
*T 998. Partitioning method of genetic analysis applied to quantitative characters of tomato crosses. 1950. 15¢. For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Other Vegetable Crops

Farmers' Bulletins:

F 1269. Celery growing. 1922; slightly revised 1944.
 F 1394. Watermelons. 1924; revised 1951.
 *F 1396. The dasheen: A southern root crop for home use and market. 1924; slightly revised 1946. **15¢. For sale only.**
 F 1468. Muskmelons. 1926; revised 1951.
 F 1646. Asparagus culture. 1930; revised 1954.
 *F 1849. Useful and ornamental gourds. 1940. **10¢. For sale only.**
 F 1863. The turnip aphid in the Southern States and methods for its control. 1941.
 F 1957. Cauliflower and broccoli varieties and culture. 1944; revised 1954.
 F 2051. Pepper production, disease and insect control. 1952.

Leaflets:

L 116. Growing the Jerusalem artichoke. 1936.
 L 128. Production of spinach. 1937; revised 1948.
 L 129. Production and preparation of horseradish. 1937; slightly revised 1946.
 L 134. Production of water cress. 1938; slightly revised 1938.
 L 135. Production of salsify, or vegetable-oyster. 1938; slightly revised 1946.
 L 136. Production of parsley. 1937.
 L 138. Production of garlic. 1937.
 L 141. Production of pumpkins and squashes. 1937; slightly revised 1943.
 L 142. Production of turnips and rutabagas. 1937; revised 1952.
 *L 143. Production of kale. 1937. **10¢. For sale only.**
 L 154. Production of parsnips. 1938.
 L 226. The pepper weevil. 1942; revised 1951.
 L 351. Growing eggplant. 1953.
 L 354. Rhubarb production—Outdoors and in. 1954.
 L 360. Growing table beets. 1954.

Agriculture Handbooks:

*AH 28. Market diseases of tomatoes, peppers, and eggplants. 1952. **40¢. For sale only.**

Picture Sheets:

PS 10. Squash borer. 5½ by 9¼ inches. Colored. 1941.

Puerto Rico Federal Experiment Station Circulars:

*PRC 32. Vegetable gardening in the Tropics. 1950. **40¢. For sale only.**

WEEDS AND POISONOUS PLANTS

Farmers' Bulletins:

F 988. Larkspur or "poison weed." 1918; revised 1934.
 F 1054. The loco-weed disease. 1919; revised 1936.
 F 1161. Dodder. 1921; revised 1923.
 *F 1537. Johnson grass as a weed. 1928; slightly revised 1940. **5¢. For sale only.**
 F 1948. Sagebrush burning—good and bad. 1944.
 F 1972. Poison-ivy, poison oak, and poison sumac: Identification, precautions, eradication. 1945; slightly revised 1951.
 *F 2005. Using 2,4-D safely. 1948. **5¢. For sale only.**

Leaflets:

L 88. Poisoning of livestock by plants that produce hydrocyanic acid. 1932; slightly revised 1940.

Circulars:

*C 908. The mesquite problem on southern Arizona ranges. 1952. **25¢. For sale only.**

Technical Bulletins:

*T 1075. Ecological effects of planned burning of sagebrush-grass range on the Upper Snake River Plains. 1953. **15¢. For sale only.**

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Yearbook Separates:

YS 2028. How to control noxious plants. 1948.
 YS 2099. Weeds are plants out of place. 1948.

Miscellaneous:

M 5296. How to control southern upland hardwoods with ammate. 1949.

PUERTO RICO**Agriculture Information Bulletins:**

*AB 60. Marketing facilities for farm and related products at San Juan, Puerto Rico. 1951. **75¢. For sale only.**

Puerto Rico Federal Experiment Station Bulletins:

*PRB 43. Mineral deficiencies in *Derris elliptica*. 1945. **10¢. For sale only.**
 *PRB 44. Biology of the bamboo powder-post beetle in Puerto Rico. 1948. **10¢. For sale only.**
 *PRB 45. Life history, habits, and control of the coconut rhinoceros beetle in Puerto Rico. 1948. **15¢. For sale only.**
 *PRB 46. Insect and animal pests of *Cinchona* and their control in Puerto Rico. 1949. **10¢. For sale only.**
 *PRB 47. Cinchona propagation. 1950. **15¢. For sale only.**
 *PRB 48. Studies of factors influencing attack and control of the bamboo powder-post beetle. 1950. **15¢. For sale only.**
 *PRB 49. Insecticidal properties of some plants growing in Puerto Rico. 1950. **10¢. For sale only.**
 *PRB 50. The production of lemon-grass oil. 1950. **15¢. For sale only.**
 *PRB 51. Some diseases of Puerto Rican forage crops. 1953. **20¢. For sale only.**
 *PRB 52. Studies of nutgrass (*Cyperus rotundus* L.) and its control. 1954. **15¢. For sale only.**

Puerto Rico Federal Experiment Station Circulars:

PRC 25. La cura de la vainilla. (In Spanish.) 1946.
 *PRC 30. Bay oil production in Puerto Rico. 1948. **15¢. For sale only.**
 *PRC 32. Vegetable gardening in the Tropics. 1950. **40¢. For sale only.**
 *PRC 33. Growing avocados in Puerto Rico. 1951. **20¢. For sale only.**

Technical Bulletins:

*T 977. Studies of the diapause in the pink bollworm in Puerto Rico. 1949. **10¢. For sale only.**

Unnumbered:

*A comprehensive agricultural program for Puerto Rico. 1953. **\$1.75. For sale only.**
 Report of the Puerto Rico Experiment Station, 1941.
 Report of the Puerto Rico Experiment Station, 1942.
 Report of the Puerto Rico Experiment Station, 1943.
 Report of the Federal Experiment Station in Puerto Rico, 1944.
 Report of the Federal Experiment Station in Puerto Rico, 1945.
 Report of the Federal Experiment Station in Puerto Rico, 1946.
 Report of the Federal Experiment Station in Puerto Rico, 1947.
 Report of the Federal Experiment Station in Puerto Rico, 1948.
 Report of the Federal Experiment Station in Puerto Rico, 1949.
 Report of the Federal Experiment Station in Puerto Rico, 1950.
 Report of the Federal Experiment Station in Puerto Rico, 1951.
 Report of the Federal Experiment Station in Puerto Rico, 1952.
 Report of the Federal Experiment Station in Puerto Rico, 1953.
 Informe de la estacion experimental de Puerto Rico, 1941. (In Spanish.)
 Informe de la estacion experimental de Puerto Rico, 1942. (In Spanish.)
 Informe de la estacion experimental de Puerto Rico, 1943. (In Spanish.)

Unnumbered—Continued

Informe de la estacion experimental federal en Puerto Rico, 1944. (In Spanish.)
 Informe de la estacion experimental federal en Puerto Rico, 1945. (In Spanish.)

RURAL SOCIOLOGY**EXTENSION WORK****Farmers' Bulletins:**

F 1847. Rural library service. 1940; revised 1949.

Leaflets:

L 244. Community forests for rural people. 1945.

Agriculture Handbooks:

AH 22. Lettering for extension visual aids. 1951.
 AH 26. How to make circular letters attractive. 1951.
 AH 32. Educational exhibits: How to prepare and use them. 1951.
 AH 33. Organization of 4-H Club work: A guide for local leaders. 1952.
 AH 42. Making radio work for you: A handbook for extension agents. 1952.
 AH 53. Forestry for 4-H Clubs. 1953.
 AH 55. Television for you: A handbook for extension agents. 1953.
 AH 65. 4-H Club insect manual. 1954.

Agriculture Information Bulletins:

AB 20. Planning recreation for rural home and community. 1950.
 AB 28. System in the county extension office. 1951.
 AB 38. The home demonstration agent. 1951.
 AB 58. Building a better America through the 4-H Clubs. 1951.
 AB 107. Farm forestry extension: What it is and how it works. 1953.

Miscellaneous Publications:

M 285. Federal legislation, regulations, and rulings affecting cooperative extension work in agriculture and home economics. 1937; revised 1946.

Program Aids:

PA 73. Extension work with young men and women. 1949.
 PA 95. Parents and 4-H Club work. 1950.
 PA 111. Improving 4-H Clubs. 1950.
 PA 116. Here are some 4-H facts—About getting more effective results from local leaders. 1950.
 PA 131. Extension work in consumer food marketing education. 1950.
 PA 203. Meeting the basic needs of first-year 4-H Club members. 1952.
 PA 214. Aids for observance of national 4-H Club events. 1952.

Unnumbered:

The cooperative Extension Service of the U. S. Department of Agriculture and the State Land-Grant Colleges. 1952.

Cooperative extension work. 1951.

The 4-H Clubs—What they are. 1946.

Joint committee report on extension programs, policies and goals. 1948.

Report of the Virgin Islands agricultural research and extension program, 1953. 1954.

What agricultural extension is. 1944.

SOIL

NOTE. Inquire of your local garden leader, county agent, or experiment station about soil-testing sources available in your locality. Do not send samples of soil to the U. S. Department of Agriculture.

GENERAL**Leaflets:**

L 328. Your soil . . . crumbly or cloddy? 1952.

Agriculture Handbooks:

*AH 18. Soil survey manual. 1951. **\$3.00. For sale only.**
 *AH 60. Diagnosis and improvement of saline and alkali soils. 1954. **\$2.00. For sale only.**

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Agriculture Monographs:

- *AM 7. Exploratory study of the principal soil groups of Alaska. 1951. \$1.00. **For sale only.**
- *AM 16. Aerobic sporeforming bacteria. 1952. 75¢. **For sale only.**

Circulars:

- *C 757. Methods of soil analysis for soil-fertility investigations. 1947. 15¢. **For sale only.**
- *C 820. Land use experience in southern Great Plains. 1949. 10¢. **For sale only.**
- C 939. Estimation of available phosphorus in soils by extraction with sodium bicarbonate. 1954.

Technical Bulletins:

- *T 950. Selenium occurrence in certain soils in the United States, with a discussion of related topics. Seventh report. 1948. 15¢. **For sale only.**
- *T 1013. The occurrence of barium in soils and plants. 1950. 15¢. **For sale only.**
- T 1049. Release of native and fixed nonexchangeable potassium of soils containing hydrous mica. 1951.

SOIL IMPROVEMENT**Farmers' Bulletins:**

- F 1276. The velvet bean. 1922; revised 1938.
- F 1750. Summer crops for green manure and soil improvement. 1935; revised 1947.
- F 1852. Lespedeza culture and utilization. 1940; revised 1946.
- F 1980. Crotalaria culture and utilization. 1946.
- F 2003. Legume inoculation: What it is, what it does. 1948; revised 1953.

Circulars:

- C 888. Peat and muck in agriculture. 1951.
- C 891. The use of sawdust for mulches and soil improvement. 1951.

Technical Bulletins:

- *T 1009. Boron, copper, manganese, and zinc requirement tests of tobacco. 1950. 10¢. **For sale only.**

Yearbook Separates:

- YS 2288. Wastes that improve soil. 1951.

FERTILIZERS**Farmers' Bulletins:**

- F 1750. Summer crops for green manure and soil improvement. 1935; revised 1947.
- F 2007. Mixing fertilizers on the farm. 1949.
- F 2032. Liming soils for better farming. 1951.

Leaflets:

- L 307. How much fertilizer shall I use? 1951.
- L 323. Wood chips for the land. 1952.

Circulars:

- *C 719. Explosibility and fire hazard of ammonium nitrate fertilizer. 1945. 10¢. **For sale only.**
- *C 771. Ammonium nitrate for crop production. 1948. 10¢. **For sale only.**
- *C 927. A review of phosphate fertilizer investigations in 15 Western States through 1949. 1953. 25¢. **For sale only.**

Miscellaneous Publications:

- M 593. Prewar world production and consumption of plant foods in fertilizers. 1946.

Technical Bulletins:

- T 781. Arsenic in natural phosphates and phosphate fertilizers. 1941.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

SOIL SURVEYS

(See page IX for description)

Alabama:

*Cherokee County. 20¢. For sale only.
 Colbert County.
 Coosa County.
 Crenshaw County.
 *Dallas County. 40¢. For sale only.
 *Fayette County. 25¢. For sale only.
 Franklin County.
 Hale County.
 Jackson County.
 Lauderdale County.
 Lee County.
 Limestone County.
 Macon County.
 Mobile County.
 Montgomery County.
 Perry County.
 Sumter County.
 Wilcox County.
 Winston County.

Arizona:

Casa Grande Area. (Part of Pinal County.)
 The Duncan Area, Arizona-New Mexico.
 Gila Bend Area. (Part of Maricopa County.)
 Graham County. (See Upper Gila Valley Area.)
 Mohave County. (See Virgin River Valley Area.)
 Nogales Area.
 Pinal County. (See Casa Grande Area.)
 Santa Cruz County. (See Nogales Area.)
 Upper Gila Valley Area. (Part of Graham County.)
 *Virgin River Valley Area, Arizona-Utah. (Parts of Mohave County, Arizona and Washington County, Utah.) 35¢. For sale only.
 Yuma County. (See Yuma Desert Area.)
 Yuma Desert Area. (Part of Yuma County.)

Arkansas:

*Craighead County. 15¢. For sale only.

California:

Alturas Area. (Parts of Lassen and Modoc Counties.)
 Bakersfield Area. (Part of Kern County.)
 Barstow Area. (Part of San Bernardino County.)
 Brawley Area. (Part of Imperial County.)
 Coalinga Area.
 *Dixon Area. (Parts of Solano and Yolo Counties.) 25¢. For sale only.
 El Cajon Area. (Part of San Diego County.)
 El Centro Area. (Part of Imperial County.)
 El Dorado County. (See Placerville Area.)
 Grass Valley Area. (Part of Nevada County.)
 Imperial County. (See Brawley Area, El Centro Area, and Palo Verde Area.)
 Kern County. (See Bakersfield Area and Wasco Area.)
 Kings County.
 Lodi Area. (Part of San Joaquin County.)
 Los Banos Area.
 Monterey County. (See Salinas Area and Santa Cruz Area.)
 Napa Area.
 Newman Area. (Part of Stanislaus County.)
 Palo Verde Area. (Part of Riverside and Imperial Counties.)
 Pasadena Area. (Parts of Los Angeles and San Bernardino Counties.)
 Pixley Area. (Part of Tulare County.)
 Placerville Area. (Part of El Dorado County.)

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

California—Continued

Sacramento County. (*See Sacramento-San Joaquin Delta Area and Suisun Area.*)
 Sacramento-San Joaquin Delta Area.
 Salinas Area. (Part of Monterey and San Benito Counties.)
 San Joaquin County. (*See Lodi, Sacramento-San Joaquin Delta, and Tracy Areas.*)
 San Luis Obispo Area. (Parts of San Luis Obispo and Santa Barbara Counties.)
 San Luis Obispo County. (*See San Luis Obispo Area.*)
 Santa Barbara County. (*See San Luis Obispo Area and Santa Ynez Area.*)
 Santa Cruz Area. (All of Santa Cruz County and Parts of Monterey and San Benito Counties.)
 Santa Cruz County. (*See Santa Cruz Area.*)
 Santa Ynez Area. (Part of Santa Barbara County.)
 Solano County. (*See Dixon, Sacramento-San Joaquin Delta, and Suisun Area.*)
 Stockton Area.
 Suisun Area. (Parts of Sacramento and Solano Counties.)
 Tracy Area. (Part of San Joaquin County.)
 Tulare County. (*See Pixley and Visalia Areas.*)
 Visalia Area. (Part of Tulare County.)
 Wasco Area. (Part of Kern County.)
 Yolo County. (*See Dixon Area.*)

Colorado:

Adams County. (*See Brighton Area.*)
 Akron Area.
 Arkansas Valley Area. (Part of Bent, Crowley, Fremont, Otero, Prowers, and Pueblo Counties.)
 Bent County. (*See Arkansas Valley Area.*)
 Boulder County. (*See Brighton and Longmont Areas.*)
 Brighton Area. (Parts of Adams, Boulder, and Jefferson Counties.)
 Fort Collins Area.
 Jefferson County. (*See Brighton Areas.*)
 Longmont Area. (Parts of Boulder and Weld Counties.)
 Otero County. (*See Arkansas Valley Area.*)
 Prowers County. (*See Arkansas Valley Area.*)

Florida:

Alachua County.
 Collier County.
 Lake County.
 Polk County.

Georgia:

Bartow County.
 Candler County.
 Catoosa County.
 Clarke County.
 Dade County.
 Decatur County.
 Dooly County.
 Elbert County.
 Floyd County.
 Hall County.
 Hart County.
 Jefferson County.
 Lee County.
 McDuffie County.
 Meriwether County
 Quitman County.
 Terrell County.
 Toombs County.
 Towns County.
 Union County.
 Worth County.

Idaho:

Benewah County.
 Bingham County. (*See Blackfoot-Aberdeen Area.*)
 Blackfoot-Aberdeen Area. (Part of Bingham County.)
 Blaine County. (*See Minidoka Area.*)
 Bonner County.
 Elmore County. (*See Gooding Area.*)
 Gooding Area. (Parts of Elmore and Gooding Counties.)
 Gooding County. (*See Gooding Area.*)
 The Idaho Falls Area.
 *Jerome Area. (Part of Jerome County.) **15¢. For sale only.**
 *Minidoka Area. (Parts of Minidoka, Cassia, Jerome, and Blaine Counties.)
15¢. For sale only.
 Minidoka County. (*See Minidoka Area.*)
 *Soda Springs-Bancroft Area. (Parts of Bannock and Caribou Counties.)
20¢. For sale only.
 Twin Falls Area. (Part of Twin Falls County.)
 Twin Falls County. (*See Twin Falls Area.*)

Indiana:

Bartholomew County.
 Benton County.
 Brown County.
 Clay County.
 Dubois County.
 Franklin County.
 Fulton County.
 Gibson County.
 Hancock County.
 Jennings County.
 Johnson County.
 Knox County.
 Kosciusko County.
 La Porte County.
 Lawrence County.
 Martin County.
 Miami County.
 Morgan County.
 Noble County.
 Ohio and Switzerland Counties.
 Pike County.
 Randolph County.
 Rush County.
 Steuben County.
 St. Joseph County.
 Switzerland County. (*See Ohio and Switzerland Counties.*)
 Vanderburgh County.
 Vermillion County.
 Washington County.
 Wayne County.

Iowa:

*Appanoose County. **20¢. For sale only.**
 Audubon County.
 *Butler County. **20¢. For sale only.**
 Calhoun County.
 Cedar County.
 Cerro Gordo County.
 Clarke County.
 *Clayton County. **15¢. For sale only.**
 Crawford County.
 Davis County.
 Decatur County.
 Franklin County.
 *Fremont County. **15¢. For sale only.**

Iowa—Continued

Guthrie County.
 Hancock County.
 *Harrison County. **20¢. For sale only.**
 *Henry County. **15¢. For sale only.**
 Howard County.
 Ida County.
 Jackson County.
 Jefferson County.
 Lyon County.
 Marion County.
 *Mills County. **15¢. For sale only.**
 Monroe County.
 Osceola County.
 Pocahontas County.
 Poweshiek County.
 Sac County.
 Story County.
 Tama County.
 Taylor County.
 Washington County.
 Wayne County.
 Winneshiek County.
 Worth County.

Kansas:

Allen County.
 Bourbon County.
 Clay County.
 Cowley County.
 Johnson County.
 Kingman County.
 Marion County.
 Montgomery County.
 Neosho County.
 Woodson County.

Kentucky:

Calloway County.
 Graves County.
 Marshall County.
 Mercer County.
 Shelby County.

Louisiana:

Beauregard Parish.
 La Salle Parish.
 Livingston Parish.
 Natchitoches Parish.

Maine:

*York County. **\$3.00. For sale only.**

Maryland:

Calvert County.
 Caroline County.
 Kent County.
 Queen Annes County.

Massachusetts:

Dukes and Nantucket Counties.
 Essex County.
 Franklin County.
 Hampden and Hampshire Counties.
 Hampden County. (See Hampden and Hampshire Counties.)
 Hampshire County. (See Hampden and Hampshire Counties.)
 Middlesex County.

Massachusetts—Continued

Nantucket County. (*See Dukes and Nantucket Counties.*)
 Worcester County.

Michigan:

*Alger County. **40¢. For sale only.**
 Alpena County.
 Bay County. (*See also Saginaw Area.*)
 Branch County.
 Cheboygan County.
 Chippewa County.
 Clinton County.
 Crawford County.
 Huron County. (*See Saginaw Area.*)
 Ingham County.
 Iron County.
 Jackson County.
 Kent County.
 Luce County.
 Manistee County.
 Mason County.
 Menominee County.
 Midland County.
 Montmorency County.
 Newaygo County.
 Oceana County.
 Oscoda County.
 Roscommon County.
 Saginaw Area. (Parts of Saginaw, Bay, Huron, and Tuscola Counties.)
 Schoolcraft County.
 St. Clair County.
 Tuscola County. (*See also Saginaw Area.*)
 Washtenaw County.

Minnesota:

Clay County. (*See Red River Valley Area.*)
 Hennepin County.
 Houston County.
 Hubbard County.
 Kanabec County.
 Kittson County. (*See Red River Valley Area.*)
 Lake of the Woods County. (Reconnaissance.)
 LeSueur County.
 Marshall County. (*See Red River Valley Area.*)
 Mille Lacs County.
 Norman County. (*See Red River Valley Area.*)
 Pine County.
 Polk and Red Lake Counties. (*See Red River Valley Area.*)
 Polk County. (*See Red River Valley Area.*)
 Red River Valley Area. (Clay, Kittson, Marshall, Norman, Polk, Red Lake,
 Traverse, and Wilkin Counties.) (Reconnaissance.)
 Rock County.
 Roseau County.
 Traverse County. (*See Red River Valley Area.*)
 Wilkin County. (*See Red River Valley Area.*)

Mississippi:

Claiborne County.
 Greene County.
 Harrison County.
 Hinds County.
 Jackson County.
 Marion County.
 Tishomingo County.

Missouri:

Holt County.
 Jasper County.
 Linn County. (Reconnaissance.)
 Ray County.
 Texas County.

Montana:

Big Horn Valley Area.
 Central Montana. (Reconnaissance.)
 Custer County. (See Middle Yellowstone Valley Area.)
 Dawson County. (See Lower Yellowstone Valley Area.)
 Gallatin County. (See Gallatin Valley Area.)
 Gallatin Valley Area. (Part of Gallatin County.)
 Glacier County. (See Northern Plains of Montana.)
 Lake County. (See Lower Flathead Valley Area.)
 Lower Flathead Valley Area. (Parts of Lake, Missoula, and Sanders Counties.)
 Lower Yellowstone Valley Area. (Parts of Dawson, Prairie, and Richland Counties, Montana; and McKenzie County, North Dakota.)
 Meagher County. (See Upper Musselshell Valley Area.)
 Middle Yellowstone Valley Area. (Parts of Custer, Rosebud, and Treasure Counties.)
 Missoula County. (See Lower Flathead Valley Area.)
 Northern Plains of Montana. (Blaine, Chouteau, Daniels, Hill, Liberty, Phillips, Roosevelt, Sheridan, Toole, and Valley Counties, and Parts of Glacier, Pondera, and Teton Counties.) (Reconnaissance.)
 Pondera County. (See Northern Plains of Montana.)
 Prairie County. (See Lower Yellowstone Valley Area.)
 Richland County. (See Lower Yellowstone Valley Area.)
 Rosebud County. (See Middle Yellowstone Valley Area.)
 Sanders County. (See Lower Flathead Valley Area.)
 Teton County. (See Northern Plains of Montana.)
 Treasure County. (See Middle Yellowstone Valley Area.)
 Upper Musselshell Valley Area. (Parts of Meagher and Wheatland Counties.)
 Wheatland County. (See Upper Musselshell Valley Area.)

Nebraska:

Boyd County.
 Brown County.
 Cass County.
 Deuel County.
 *Dundy County. **25¢. For sale only.**
 Frontier County.
 Furnas County.
 Garden County.
 Garfield County.
 Gosper County.
 Greeley County.
 *Harlan County. **25¢. For sale only.**
 Hayes County.
 Hitchcock County.
 Holt County.
 Keya Paha County.
 Knox County.
 Lancaster County.
 Loup County.
 Otoe County.
 Rock County.
 Sarpy County.
 Sherman County.
 Valley County.
 Webster County.
 Wheeler County.

New Hampshire:

Cheshire and Sullivan Counties.
 Coos County.
 Grafton County.
 Hillsboro County.
 Strafford County.

New Jersey:

Atlantic County. (*See Camden Area.*)
 Bergen Area. (Bergen, Hudson Counties, and Parts of Essex, Middlesex, Morris, Passaic, and Union Counties.)
 Bergen County. (*See Bergen Area.*)
 Burlington County. (*See Camden Area.*)
 Camden Area. (Parts of Atlantic, Burlington, Camden, Cumberland, Gloucester, and Salem Counties.)
 Camden County. (*See Camden Area.*)
 Cumberland County. (*See Camden Area.*)
 Essex County. (*See Bergen Area.*)
 Freehold Area. (Parts of Monmouth and Middlesex Counties.)
 Gloucester County. (*See Camden Area.*)
 Hudson County. (*See Bergen Area.*)
 Middlesex County. (*See Freehold Area and Bergen Area.*)
 Monmouth County. (*See Freehold Area.*)
 Morris County. (*See Bergen Area.*)
 Passaic County. (*See Bergen Area.*)
 Salem County. (*See Camden Area.*)
 Union County. (*See Bergen Area.*)

New Mexico:

Chaves County. (*See Roswell Area.*)
 De Baca County. (*See Fort Sumner Area.*)
 Deming Area. (Part of Luna County.)
 The Duncan Area, Arizona-New Mexico.
 Fort Sumner Area. (Part of De Baca County.)
 Lea County. (*See Lovington Area.*)
 Lovington Area. (Part of Lea County.)
 Luna County. (*See Deming Area.*)
 Rincon Area.
 Roswell Area. (Part of Chaves County.)

New York:

Albany and Schenectady Counties.
 Binghamton Area. (Part of Broome County.)
 Broome County. (*See also Binghamton Area.*)
 Cattaraugus County.
 Chemung County.
 Erie County.
 Monroe County.
 Niagara County.
 Onondaga County.
 Orleans County.
 Otsego County.
 Rensselaer County.
 Seneca County.
 St. Lawrence County.
 Steuben County.
 Sullivan County.
 Tioga County.
 Ulster County.
 Wyoming County.

North Carolina:

Beaufort County.
 Brunswick County.
 Carteret County.
 Chatham County.

North Carolina—Continued

Cherokee County.
Clay County.
Craven County.
Cumberland County.
Franklin County.
Graham County.
Haywood County.
Henderson County.
Jackson County.
Jones County.
Lee County.
Lenoir County.
Macon County.
Madison County.
Mitchell County.
Montgomery County.
Onslow County.
Pamlico County.
Perquimans County. (*See* Perquimans and Pasquotank Counties.)
Perquimans and Pasquotank Counties.
Rockingham County.
Stokes County.
Surry County.
Swain County.
Transylvania County.
Warren County.
Washington County.
Wilson County.
Yancy County.

North Dakota:

Billings County.
McKenzie County. (*See also* Lower Yellowstone Valley Area, Montana.)
Morton County.
Traill County.

Ohio:

Adams County.
Athens County.
Brown County.
Butler County.
Clermont County.
Lake County.
Licking County.
Logan County.
Lucas County.
Muskingum County.
Ottawa County.
Putnam County.
Scioto County.
Tuscarawas County.
Vinton County.
Washington County.

Oklahoma:

Alfalfa County.
Carter County.
Choctaw County.
Craig County.
Garfield County.
Grant County.
Greer County.
Kiowa County.
Le Flore County.
Major County.

Oklahoma—Continued

Mayes County.
 McIntosh County.
 Murray County.
 Okfuskee County.
 Pittsburg County.
 Pontotoc County.
 Texas County.
 Tilman County.
 Tulsa County.
 Washita County.
 Woods County.
 Woodward County.

Oregon:

Astoria Area.
 Baker Area.
 Benton County.
 Clackamas County.
 Columbia County.
 Umatilla Area.

Pennsylvania:

Armstrong County.
 Bucks County.
 Crawford County.
 Franklin County.
 Huntingdon County.
 Indiana County.
 Tioga County.
 Union County.
 Wayne County.
 Wyoming County.

Puerto Rico:

Puerto Rico.

Rhode Island:

Bristol County. (See Newport and Bristol Counties.)
 Kent and Washington Counties.
 Newport and Bristol Counties.
 Providence County.
 Washington County. (See Kent and Washington Counties.)

South Carolina:

Abbeville County.
 Dillon County.
 Edgefield County.
 Greenwood County.
 Kershaw County.
 Pickens County.
 Sumter County.
 Williamsburg County.

South Dakota:

Union County.

Tennessee:

Bedford County.
 Benton County.
 Carter County.
 Claiborne County.
 Cumberland County.
 Grainger County.
 Hamblen County.
 Hamilton County.
 Hardin County.

*Humphreys County. \$1.00. For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Tennessee—Continued

Jefferson County.
 Lincoln County.
 Norris Area.
 Perry County.
 Rhea County.
 Roane County.
 Stewart County.
 Sullivan County.

Texas:

Bee County.
 Brown County.
 Cameron County.
 Cass County.
 Collin County.
 Dickens County.
 Dimmit County.
 Falls County.
 Fannin County.
 Frio County.
 Galveston County.
 Harris County.
 Hunt County.
 Kaufman County.
 Maverick County.
 Midland County.
 Northwest Texas Area. (Reconnaissance.)
 *Polk County. 50¢. For sale only.
 *Randall County. 35¢. For sale only.
 Scurry County.
 *Van Zandt County. 30¢. For sale only.
 Victoria County.
 West Central Texas Area. (Reconnaissance.)
 Wheeler County.
 Willacy County.
 Williamson County.
 Zavala County.

Utah:

Carbon County. (See Price Area.)
 Emery County. (See Price Area.)
 Price Area. (Parts of Carbon and Emery Counties.)
 Salt Lake Valley Area.
 Salt Lake County. (See Salt Lake Valley Area.)
 Virgin River Valley Area, Arizona-Utah. (Parts of Mohave County,
 Arizona, and Washington County, Utah.)
 Washington County. (See Virgin River Valley Area.)

Vermont:

Entire State. (Reconnaissance.)

Virginia:

Accomack and Northampton Counties.
 Albemarle County.
 Augusta County.
 Culpeper County.
 Grayson County.
 Halifax County.
 Isle of Wight County.
 Lee County.
 Nansemond County.
 Northampton County. (See Accomack and Northampton Counties.)
 Princess Anne County.
 Rockbridge County.
 Russell County.

Virginia—Continued

Scott County.
 Smyth County.
 Southampton County.
 Tazewell County.
 Washington County.
 Wise County.

Washington:

Clallam County.
 Columbian Basin Area. (Franklin County, and parts of Adams, Grant, Lincoln, and Walla Walla Counties.) (Reconnaissance.)
 King County.
 Kitsap County.
 Kittitas County.
 Snohomish County.
 Spokane County.
 Whatcom County.

West Virginia:

Braxton and Clay Counties.
 Clay County. (See Braxton and Clay Counties.)
 Grant and Mineral Counties.
 Greenbrier County.
 Hampshire County.
 Hardy and Pendleton Counties.
 Mineral County. (See Grant and Mineral Counties.)
 Monroe County.
 Pendleton County. (See Hardy and Pendleton Counties.)
 Pocahontas County.
 Randolph County.
 Tucker County.

Wisconsin:

Calumet County.
 Crawford County.
 Green County.
 Green Lake County.
 Milwaukee County.
 Ozaukee County. (See Washington and Ozaukee Counties.)
 South Part North-Central Wisconsin. (Clark, Lincoln, Marathon, and Taylor Counties.) (Reconnaissance.)
 Vernon County.
 Walworth County.
 Washington and Ozaukee Counties.
 Winnebago County.

Wyoming:

Basin Area. (Parts of Big Horn, Park, and Washakie Counties.)
 Big Horn County. (See Basin and Shoshone Areas.)
 Johnson County.
 Park County. (See Basin and Shoshone Areas.)
 Sheridan County.
 Shoshone Area. (Parts of Big Horn and Park Counties.)
 Uinta County.
 Washakie County. (See Basin Area.)

SOIL AND WATER CONSERVATION**Farmers' Bulletins:**

F 1405. The windbreak as a farm asset. 1924; revised 1944.
 F 1797. Implements and methods of tillage to control soil blowing on the northern Great Plains. 1938; revised 1954.
 *F 1814. Terrace outlets and farm drainageways. 1939; slightly revised 1946. 15¢. For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Farmers' Bulletins—Continued

F 1840. Kudzu for erosion control in the Southeast. 1939; slightly revised 1944.

*F 1859. Stock-water developments: Wells, springs, and ponds. 1940. **25¢. For sale only.**

F 1946. Lupines: New legumes for the South. 1943; slightly revised 1947.

F 1970. Conserving soil and moisture in orchards and vineyards. 1945.

F 1973. Irrigated pastures for forage production and soil conservation. 1945.

F 1981. Strip cropping for conservation and production. 1946; revised 1953.

F 1982. When drought returns to the Great Plains. 1947.

F 1983. Farm fishponds for food and good land use. 1947.

F 1985. Seed for regrassing Great Plains areas. 1947.

F 1997. Stubble mulch farming to hold soil and water. 1948.

F 2002. For insurance against drought—soil and water conservation. 1950.

F 2033. Sericea in conservation farming. 1951.

F 2035. Making land produce useful wildlife. 1951.

F 2046. Farm drainage. 1952.

F 2047. Maintaining drainage systems. 1952.

Leaflets:

*L 163. Legumes in soil conservation practices. 1938. **5¢. For sale only.**

*L 214. Plowing terraced land. 1942. **5¢. For sale only.**

L 247. Soil moisture and wheat yields on the High Plains. 1948.

L 248. Bicolor lespedeza for quail and soil conservation in the Southeast. 1948.

L 249. What is a conservation farm plan? 1948.

L 254. Using tall fescue in soil conservation. 1949.

L 256. Multiflora rose—for living fences and wildlife cover. 1949; slightly revised 1950.

L 257. Grass waterways. 1949.

L 258. Streambank plantings for erosion control in the Northeast. 1949.

L 259. How to build a farm pond. 1949.

L 260. Dust storms come from the poorer lands. 1949.

L 276. Windbreaks and shelterbelts for the Plains States. 1950.

L 292. Russian-olive for wildlife and good land use. 1951.

L 323. Wood chips for the land. 1952.

L 335. Farming terraced land. 1952.

Agriculture Handbooks:

*AH 57. Farm planners' engineering handbook for the Upper Mississippi Region. 1953. **\$1.50. For sale only.**

*AH 61. A manual on conservation of soil and water. Handbook for professional agricultural workers. 1954. **60¢. For sale only.**

Agriculture Information Bulletins:

AB 8. Conservation irrigation. 1950.

AB 16. Taming runaway waters. 1949.

AB 27. How to recognize erosion in the Northeast. 1950.

AB 52. Youth can help conserve these resources: Soil, water, woodland, wildlife, grass. 1951.

AB 63. Books, booklets, bulletins on soil and water conservation. 1951; revised 1953.

AB 78. From the dust of the earth. 1952.

AB 95. The soil that went to town. 1952.

AB 99. Conquest of the land through seven thousand years. 1953.

AB 106. Our productive land . . . We can conserve and improve it while using it. 1953.

*AB 117. Waters of Coweeta. 1953. **20¢. For sale only.**

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Circulars:

- *C 820. Land use experience in southern Great Plains. 1949. **10¢.**
For sale only.
- *C 837. Streambank erosion control on the Winooski River, Vermont. 1949. **20¢.** **For sale only.**
- C 860. Stubble-mulch farming on wheatlands of the southern high plains. 1950.
- C 871. Depletion of High Plains wheatlands. 1951.
- *C 886. Place of summer fallow in the agriculture of the Western States. 1951. **10¢.** **For sale only.**
- C 887. Shrub plantings for soil conservation and wildlife cover in the Northeast. 1951.
- C 895. Raindrops and erosion. 1951.
- C 900. Natob—A new bush lespedeza for soil conservation. 1952.
- C 910. Some plant-soil-water relations in watershed management. 1952.

Miscellaneous Publications:

- M 449. Early American soil conservationists. 1941.
- *M 486. Teamwork to save soil and increase production. 1942; slightly revised 1943. **30¢.** **For sale only.**
- *M 596. Our American land: The story of its abuse and its conservation. 1946; revised 1950. **10¢.** **For sale only.**
- *M 678. Grasses and legumes for soil conservation in the Pacific Northwest. 1949. **20¢.** **For sale only.**
- *M 694. Conservation methods in cotton production. 1949. **10¢.** **For sale only.**

Program Aids:

- PA 69. First things first: Know your land and have a plan before starting conservation farming. 1949.
- PA 86. Technical skill for soil and water conservation. 1949.
- PA 128. The measure of our land. 1951.
- PA 146. Community gains from conservation farming. 1951.
- PA 201. An outline for teaching conservation in high schools. 1952.
- PA 205. Improved management of irrigated pastures pays dividends. 1952.

Technical Bulletins:

- T 967. Flow of water in channels protected by vegetative linings. 1949.
- *T 973. Investigations in erosion control and the reclamation of eroded land at the Upper Mississippi Valley Conservation Experiment Station, near La Grosse, Wis., 1933-43. 1949. **45¢.**
For sale only.
- T 1012. Effects of diverting sediment-laden runoff from arroyos to range and crop lands. 1950.

Yearbook Separates:

- *YS 1957. Rotations in conservation. 1947. **5¢.** **For sale only.**

Unnumbered:

- *Conservation practices for the range lands of the southern Great Plains. 1941. **15¢.** **For sale only.**
- *Soil and water conservation in the northern Great Plains. 1937. **10¢.** **For sale only.**

STATISTICS**Agriculture Handbooks:**

- *AH 62. Consumption of food in the United States, 1909-52. 1953. **70¢.** **For sale only.**

Agriculture Information Bulletins:

- *AB 4. Price spreads between farmers and consumers. 1949. **40¢.**
For sale only.
- AB 41. Rural levels of living in Lee and Jones Counties, Mississippi, 1945 and a comparison of two methods of data collection. 1951.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Agriculture Information Bulletins—Continued

- *AB 46. Sales of eggs by farmers in the North Central Region. 1951. **25¢. For sale only.**
- AB 51. Agriculture's stake in foreign markets. Part I. Trends in United States agricultural exports. 1951.
- AB 85. Commercial family-operated sheep ranches, Intermountain Region, 1930-50, organization, costs, and returns. 1952.
- *AB 116. Farm costs and returns, 1952 (with comparisons): 20 types of commercial family-operated farms in 12 major farming regions. 1953. **20¢. For sale only.**
- *AB 118. Prices of wool at Boston with a comparison of prices of domestic and imported wools. 1954. **20¢. For sale only.**
- *AB 128. Farm costs and returns, 1953 (with comparisons): Commercial family operated farms by type and location. 1954. **30¢. For sale only.**

Circulars:

- *C 836. Consumption of feed by livestock, 1909-47. 1949. **25¢. For sale only.**

Forest Resource Reports:

- *FRR 2. Wood used in manufacture, 1948. 1951. **35¢. For sale only.**

Marketing Research Reports:

- MRR 1. Survey of canvas awning fabricators. 1952.
- MRR 2. Transportation and handling costs of selected fresh fruits and vegetables in the San Francisco Bay terminal market area. 1952.
- MRR 16. Peanuts and their uses for food. 1952.
- *MRR 19. Retail market news as an aid in marketing. 1952. **\$1.00. For sale only.**
- MRR 33. Trade in horticultural specialties. A statistical compendium. 1953.
- MRR 39. Milk products: Consumer purchase patterns and use, Memphis, Tenn. 1953.
- *MRR 72. Nonfarm consumption of fluid milk and cream—a revised series of statistics. 1954. **35¢. For sale only.**

Miscellaneous Publications:

- M 593. Prewar world production and consumption of plant foods in fertilizers. 1946.
- M 669. Lumber production in the United States, 1799-1946. 1948.
- *M 703. The agricultural estimating and reporting services of the United States Department of Agriculture. 1949. **\$1.00. For sale only.**
- *M 704. Diets of families in the open country: A Georgia and an Ohio County, summer, 1945. 1950. **25¢. For sale only.**

Statistical Bulletins:

- *SB 85. Feed statistics including wheat—rye—rice. 1949. **40¢. For sale only.**
- SB 86. Cotton quality statistics, United States, 1948-49. 1950.
- SB 87. Dairy and poultry market statistics, 1949. 1950.
- *SB 88. Livestock on farms and ranches on January 1, number, value, and classes—1920-39, by states. 1950. **45¢. For sale only.**
- SB 89. Trends in the consumption of fibers in the United States, 1892-1948. 1950.
- SB 90. Cottonseed-supply areas. 1950.
- SB 91. Livestock market news statistics and related data, 1949. 1950.
- SB 92. Annual report on tobacco statistics, 1950. 1950.
- *SB 93. Production of manufactured dairy products, 1949. 1950. **25¢. For sale only.**
- SB 94. Cotton quality statistics, United States, 1949-50. 1951.
- *SB 95. Feed statistics including wheat—rye—rice. 1950. **30¢. For sale only.**

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Statistical Bulletins—Continued

- *SB 96. Cuban trade in principal agricultural products. 1951. 15¢.
For sale only.
- *SB 97. Brazil: Agricultural production and trade statistics. 1951. 25¢. For sale only.
- *SB 98. Commodity futures statistics, July 1949–June 1950. 1951. 30¢. For sale only.
- *SB 99. Statistics on cotton and related data. 1951. \$2.00. For sale only.
Suppl. to SB. 99. Statistics on cotton and related data. 1954.
- *SB 100. Dairy statistics and related series. 1951. 50¢. For sale only.
- *SB 101. Fluctuations in crops and weather, 1866–1948. 1951. \$1.00. For sale only.
- SB 102. Dairy and poultry market statistics, 1950. 1951.
- SB 103. Annual report on tobacco statistics, 1951. 1951.
- SB 104. Livestock market news statistics and related data, 1950. 1951.
- *SB 105. Production of manufactured dairy products, 1950. 1951. 30¢. For sale only.
- SB 107. Commodity futures statistics, July 1950–June 1951. 1952.
- SB 109. Cotton “on call” statistics, August 1945–July 1951. 1951.
- *SB 110. Cotton quality statistics, United States, 1950–51. 1952. 35¢. For sale only.
- *SB 111. Feed statistics including wheat—rye—rice. 1952. 30¢. For sale only.
- *SB 112. United States farm products in foreign trade. 1953. 65¢. For sale only.
- SB 113. Meat animals—farm production, disposition, and income, 1945–49, by states. Revised estimates. 1952.
- SB 114. Fruits (noncitrus): Production, farm disposition, value, and utilization of sales, 1944–49. Revised estimates. 1952.
- *SB 116. Dairy and poultry market statistics, 1951. 1952. 50¢. For sale only.
- SB 117. Annual report on tobacco statistics, 1952. 1952.
- *SB 118. Livestock market news statistics and related data, 1951. 1952. 35¢. For sale only.
- *SB 119. Farm production, farm disposition, and value of field seed crops, 1939–50, by states. Revised estimates. 1952. 35¢. For sale only.
- *SB 120. Production of manufactured dairy products, 1951. 1952. 25¢. For sale only.
- SB 121. Feed statistics including wheat—rye—rice. 1953.
- SB 122. Potatoes: Acreage, production, value, farm disposition, Jan. 1 stocks (1866–1950.) 1953.
- SB 123. Cotton quality statistics, United States, 1951–52. 1953.
- SB 124. Commodity futures statistics, July 1951–June 1952. 1953.
- *SB 125. Chickens and eggs: Monthly egg production, young chickens and layers on farms, and rate of lay by states and geographic divisions, 1925–44. Revised estimates. 1953. 55¢. For sale only.
- SB 126. Commercial vegetables for fresh market: Acreage, production, value, 1939–50, by seasonal groups and states. Revised estimates. 1953.
- SB 127. Livestock market news statistics and related data, 1952. 1953.
- *SB 128. Harvesting the silage crops. 1953. 20¢. For sale only.
- *SB 129. Harvesting corn for grain. 1953. 10¢. For sale only.
- SB 130. The American-Egyptian cotton situation. 1953.
- SB 131. Grain futures statistics, 1921–1951. 1953.
- SB 132. Vegetables for commercial processing: Acreage, production, value, 1918–50, by states. Revised estimates. 1953.
- *SB 133. Farm production, disposition, and income from chickens and eggs, 1909–44 by states and geographic divisions. Revised estimates. 1953. 45¢. For sale only.
- *SB 134. Dairy statistics and related series. 1953. 50¢. For sale only.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Statistical Bulletins—Continued

- *SB 135. Dairy and poultry market statistics, 1952. 1953. **60¢. For sale only.**
- *SB 136. Production of manufactured dairy products, 1952. 1953. **25¢. For sale only.**
- *SB 137. Cotton quality statistics, United States, 1952–53. 1954. **40¢. For sale only.**
- SB 138. Annual report on tobacco statistics, 1953. 1953.
- SB 139. Feed statistics including wheat—rye—rice. 1954.
- SB 140. Potato prices, monthly and season average prices received by farmers, by states and United States, 1909–52. Revised estimates. 1954.
- SB 141. Commodity futures statistics, July 1952–June 1953. 1954.
- SB 143. Livestock market news statistics and related data, 1953. 1954.
- SB 145. Feed consumed by livestock, supply and disposition of feeds, 1949–50 by states. 1954.

Technical Bulletins:

- T 747. Grain prices and the futures market: A 15-year survey, 1923–1938. 1941.
- T 1070. Statistical analyses relating to the feed-livestock economy. 1953.

Unnumbered:

- *Agricultural statistics, 1948. **\$1.75. For sale only.**
- *Agricultural statistics, 1949. **\$1.75. For sale only.**
- *Agricultural statistics, 1950. **\$1.75. For sale only.**
- *Agricultural statistics, 1952. **\$2.00. For sale only.**
- *Agricultural statistics, 1953. **\$2.25. For sale only.**

VISUAL AIDS**FOODS AND NUTRITION****Charts:**

Educational charts on agriculture and home economics. 12 by 15 inches. Black and white.

*8.276 Premature loss of temporary teeth may deform the jaws. 1929. **5¢. For sale only.**

*Get acquainted with soya flour and grits. Set of 4 illustrated charts. 14½ by 20 inches. Colored. 1943. **20¢ a set. For sale only.**

*Nutrition charts. Set of 10 charts. 18½ by 23½ inches. Colored. 1935; revised 1946. **Sold in sets only. \$1.00 a set. For sale only.**

1. Growth . . . a measure of good nutrition.
2. Food makes the difference in these twin rats.
3. Protein builds muscles, blood; is needed for growth.
4. Iron, needed by the body to build red blood.
5. Calcium builds bones, teeth, and is needed by all tissues of the body.
6. Vitamin A . . . needed for growth, healthy eyes, skins, and other tissues.
7. Thiamin (Vitamin B₁) . . . needed by body cells to use carbohydrates.
8. Riboflavin . . . promotes health by helping body cells use oxygen.
9. Ascorbic acid (Vitamin C) helps to build healthy gums, teeth, and bones.
10. Vitamin D . . . for well-formed bones, teeth; and to prevent rickets.

Posters:

*The basic seven . . . eat this way everyday. 18½ by 23½ inches. Colored. 1946. **10¢. For sale only.**

FORESTRY**Maps:**

Forest regions of the United States. 18 by 20 inches. Colored. 1948. (M-5154.)

Picture Sheets:

- PS 22. White pine blister rust. 5¾ by 9¼ inches. Colored. 1948.
- PS 23. Stem rust. 5¾ by 9¼ inches. Colored. 1948.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Posters:

The farm woods. A savings bank paying interest. (Of interest to Northern States.) 13½ by 21 inches. Black and white. 1936. (M-5014.)
 The farm woods. A savings bank paying interest. (Of interest to Southern States.) 13½ by 21 inches. Black and white. 1936. (M-5015.)
 How a tree grows. 16 by 21 inches. Colored. 1934; revised 1950. (M-5159.)
 Know your timber. It's good business. 13 by 18½ inches. Colored. 1945.
 What we get from trees. 27 by 39 inches. Colored. 1945 (M-5293.)

HOME MANAGEMENT**Posters:**

Know the eggs you buy. 30 by 45 inches. Colored. 1948; revised 1949.
 Know the eggs you buy. Folder, opens to size 11¾ by 17½ inches. Colored. 1948. (PA 70.)
 Know the poultry you buy. 30 by 45 inches. Colored. 1952.
 Know the poultry you buy. Folder, opens to size 11¾ by 16¾ inches. Colored. 1952. (PA 170.)
 U. S. consumer grades for potatoes. 30 by 45 inches. Black, white, and red. 1950.

Charts:

Rural family living charts. (Annual.)

INSECTS**Picture Sheets:**

PS 1. Tomato hornworms. 5¾ by 9¼ inches. Colored. 1937.
 PS 2. Mexican bean beetle. 5¾ by 9¼ inches. Colored. 1937.
 PS 3. Colorado potato beetle. 5¾ by 9¼ inches. Colored. 1937; revised 1949.
 PS 4. The Japanese beetle. 5¾ by 9¼ inches. Colored. 1939; revised 1951.
 PS 5. Harlequin bug. 5¾ by 9¼ inches. Colored. 1940; revised 1950.
 *PS 6. Gladiolus thrips. 5¾ by 9¼ inches. Colored. 1941; revised 1950. **5¢. For sale only.**
 PS 7. Striped cucumber beetle. 5¾ by 9¼ inches. Colored. 1941; revised 1950.
 PS 8. Potato leafhopper. 5¾ by 9¼ inches. Colored. 1941; revised 1951.
 PS 9. Imported cabbage worm. 5¾ by 9¼ inches. Colored. 1941; revised 1951.
 PS 10. Squash borer. 5¾ by 9¼ inches. Colored. 1941.
 PS 11. Corn earworm. 5¾ by 9¼ inches. Colored. 1941; revised 1950.
 *PS 12. Fall armyworm. 5¾ by 9¼ inches. Colored. 1941; revised 1950. **5¢. For sale only.**
 PS 13. Tomato fruitworm. 5¾ by 9¼ inches. Colored. 1941; revised 1950.
 PS 14. European corn borer. 5¾ by 9¼ inches. Colored. 1945; revised 1948.
 PS 15. Boll weevil. 5¾ by 9¼ inches. Colored. 1946.
 PS 16. Bollworm. 5¾ by 9¼ inches. Colored. 1946; revised 1949.
 PS 17. Cotton aphid. 5¾ by 9¼ inches. Colored. 1946; revised 1949.
 PS 18. Cotton flea hopper. 5¾ by 9¼ inches. Colored. 1946; revised 1949.
 PS 19. Cotton leafworm. 5¾ by 9¼ inches. Colored. 1946; revised 1949.
 PS 20. Red spider. 5¾ by 9¼ inches. Colored. 1946; revised 1949.
 PS 21. Pink bollworm. 5¾ by 9¼ inches. Colored. 1948.
 PS 24. White-fringed beetles. 5¾ by 9¼ inches. Colored. 1949.
 PS 26. Gypsy moth. 5¾ by 9¼ inches. Colored. 1950.
 PS 27. Chinch bug. 1953.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

LAND ECONOMICS

Maps:

Chronology of American agriculture, 1790-1940. 40 $\frac{3}{4}$ by 30 inches. Black, and white. 1941.

*Generalized types of farming in the United States. 10 by 15 $\frac{1}{4}$ inches. Colored. 1949. 5¢. For sale only.

LIVESTOCK

Charts:

*Group No. 2. Horses. 1939. 10¢ a set. Sold in sets only. For sale only.

2.1 Draft breeds of horses.

2.2 Light breeds of horses.

*Group No. 4. Sheep, goats, wool, and mohair. 1939. 15¢ a set. Sold in sets only. For sale only.

4.1 Breeds of sheep.

4.2 Wool production.

4.3 Some grades of wool.

*Group No. 12. Poultry marketing. 1940. 15¢ a set. Sold in sets only. For sale only.

12.1 Tentative United States standards for fowl.

12.2 Classes of dressed birds.

12.3 Inspecting, packaging, and processing chicken.

12.4 Methods of preparing chicken for sale or use.

12.5 Picking a bird.

Posters:

Wholesale and retail cuts of beef. 24 by 16 inches. Colored. 1925; revised 1948.

Wholesale and retail cuts of lamb. 24 by 16 inches. Colored. 1925; revised 1948.

Posters:

Ima good egg. 18 by 25 $\frac{1}{2}$ inches. Colored. 1947.

U. S. standards for quality of individual shell eggs. 9 by 12 inches. Colored. 1941; revised 1948.

U. S. grades of slaughter steers. 21 by 38 inches. Black and white. 1939.

PLANTS AND PLANT DISEASES

Charts:

Educational charts on agriculture and home economics. 12 by 15 inches. Black and white.

*5.80 Sweetpotatoes. 1928. 5¢. For sale only.

*6.91 Buckwheat and arrowroot. 1928. 5¢. For sale only.

*Group No. 8. Cotton. 1940. 25¢ a set. Sold in sets only. For sale only.

8.1 Cotton plant.

8.2 Cotton production.

8.3 Some insect pests of cotton.

8.4 Some diseases of cotton.

8.5 Cotton improvement.

8.6 Marketing cotton.

8.7 Where cotton is grown and distributed.

*Group No. 10. Corn. 1940. 15¢ a set. Sold in sets only. For sale only.

10.1 Corn and corn plants.

10.2 Structure of corn kernel.

10.3 Corn production.

10.4 Pests of corn.

10.5 Corn harvesting.

10.6 Seed corn.

10.7 Corn crop.

Picture Sheets:

PS 22. White pine blister rust. 5 $\frac{3}{4}$ by 9 $\frac{1}{4}$ inches. Colored. 1948.

PS 23. Stem rust. 5 $\frac{3}{4}$ by 9 $\frac{1}{4}$ inches. Colored. 1948.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Plant Disease Posters:

- No. 71. Lettuce diseases. $7\frac{1}{4}$ by 12 inches. Colored. 1944. Tip-burn.
- No. 72. Spinach diseases. $7\frac{1}{4}$ by 12 inches. Colored. 1944. A, B. Downy mildew, upper and lower surfaces of leaves. C, D. Bacterial soft rot, medium and advanced stages.
- No. 73. Sweetpotato diseases. $7\frac{1}{4}$ by 12 inches. Colored. 1944. Black rot, various stages of decay.

OTHER VISUAL AIDS**Agriculture Handbooks:**

- AH 14. Motion pictures of the United States Department of Agriculture. 1954.
- AH 17. Slidefilms of the United States Department of Agriculture. 1953.
- AH 22. Lettering for extension visual aids. 1951.
- AH 26. How to make circular letters attractive. 1951.
- AH 32. Educational exhibits: How to prepare and use them. 1951.
- AH 42. Making radio work for you: A handbook for extension agents. 1952.
- AH 55. Television for you: A handbook for extension agents. 1953.

WATER**DRAINAGE****Farmers Bulletins:**

- *F 1814. Terrace outlets and farm drainageways. 1939; slightly revised 1946. **15¢. For sale only.**
- F 2046. Farm drainage. 1952.
- F 2047. Maintaining drainage systems. 1952.

Leaflets:

- L 347. Keep your tile drains working. 1954.

Technical Bulletins:

- T 1008. Design and operation of drainage pumping plants. 1950.
- *T 1022. Rates and amounts of runoff for the blacklands of Texas. 1950. **10¢. For sale only.**
- *T 1026. The bed-load function for sediment transportation in open channel flows. 1950. **65¢. For sale only.**
- T 1065. Drainage investigation methods for irrigated areas in Western United States. 1952.

FLOOD CONTROL**Agriculture Information Bulletins:**

- *AB 10. How forest conditions affected the 1948 Columbia flood. 1950. **10¢. For sale only.**
- AB 16. Taming runaway waters. 1949.
- AB 81. The great flood. 1952.

Miscellaneous Publications:

- *M 639. Watershed management for summer flood control in Utah. 1947. **10¢. For sale only.**

Yearbook Separates:

- *YS 1817. Flood hazards and flood control. 1941. **10¢. For sale only.**
- *YS 2148. To help control floods. 1949. **5¢. For sale only.**

IRRIGATION**Farmers Bulletins:**

- F 1973. Irrigated pastures for forage production and soil conservation. 1945.
- F 2059. Irrigating corn. 1953.

Leaflets:

- L 297. Border irrigation. 1951.
- L 300. Grass seed production on irrigated lands. 1951.
- L 342. Contour-furrow irrigation. 1953.
- L 344. Furrow irrigation. 1953.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Agriculture Information Bulletins:

AB 8. Conservation irrigation. 1950.

Circulars:*C 934. Irrigation-enterprise organizations. 1953. **30¢. For sale only.****Miscellaneous Publications:**

M 670. Irrigation agriculture in the West. 1948.

SUPPLY**Farmers' Bulletins:**

F 1978. Safe water for the farm. 1946; slightly revised 1948.

F 1983. Farm fishponds for food and good land use. 1947.

Leaflets:

L 259. How to build a farm pond. 1949.

L 282. Know your watersheds. 1948.

Agriculture Information Bulletins:

AB 71. Water and our forests. 1946; slightly revised 1951.

Circulars:

C 910. Some plant-soil-water relations in watershed management. 1952.

*C 914. Stream-flow forecasting from snow surveys. 1953. **10¢. For sale only.****Miscellaneous Publications:**

M 674. Planning the electric water system and plumbing for your farmstead. 1949.

Technical Bulletins:

T 967. Flow of water in channels protected by vegetative linings. 1949.

T 968. Effect of timber cutting on water available for stream flow from a lodgepole pine forest. 1948.

T 1050. Agricultural hydrology as evaluated by monolith lysimeters. 1951.

WEATHER AND CLIMATE**Circulars:**

C 895. Raindrops and erosion. 1951.

Miscellaneous Publications:

M 204. Rainfall intensity-frequency data. 1935.

*M 236. Forecasting from synoptic weather charts. 1936; revised 1940. **10¢. For sale only.****Statistical Bulletins:***SB 101. Fluctuations in crops and weather, 1866-1948. 1951. **\$1.00. For sale only.****Technical Bulletins:***T 987. Temperature and precipitation in relation to the number of generations of European corn borer in the United States. 1949. **10¢. For sale only.**

T 1002. Temperatures and related conditions in Wisconsin farmhouses. 1950.

T 1048. Disposition of rainfall in two mountain areas of California. 1951.

Yearbook Separates:*YS 1819. The scientific basis of modern meteorology. 1941. **10¢. For sale only.***YS 1823. Climate and weather data for the United States. 1941. **5¢. For sale only.***YS 1824. Climates of the United States. (46 maps.) 1941. **20¢. For sale only.****Unnumbered:**

Reprint from the Atlas of American Agriculture. 1936.

*Part 1. Frost and growing season. **75¢. For sale only.***Part 5. Temperature, sunshine, and wind. **\$1.60. For sale only.*****Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

MATERIAL DISTRIBUTED BY INDIVIDUAL AGENCIES

AGRICULTURAL MARKETING SERVICE

Apply to the Agricultural Marketing Service, U. S. Department of Agriculture, Washington 25, D. C., for the following material.

Service and Regulatory Announcements:

The Agricultural Marketing Service is now responsible for the administration of the laws under which these Service and Regulatory Announcements were issued.

- SRA-AMS 88. Regulations for warehousemen storing dried fruits.
- SRA-AMS 93. Rules and regulations of the Secretary of Agriculture governing the inspection and certification of fruits, vegetables, and other products. Revised 1949.
- SRA-AMS 98. Rules and regulations of the Secretary of Agriculture governing the grading and certification of meats, prepared meats, and meat products; and Administrator's instructions thereunder. Revised.
- SRA-AMS 99. Official United States standards for grades of carcass beef.
- SRA-AMS 104. Rules and regulations of the Secretary of Agriculture under the United States Standard Container Act of August 31, 1916. Revised.
- SRA-AMS 107. Rules and regulations of the Secretary of Agriculture for the enforcement of the Produce Agency Act.
- SRA-AMS 112. Official United States standards for grades of slaughter cattle.
- SRA-AMS 113. Official United States standards for grades of vealers and slaughter calves.
- SRA-AMS 114. Official United States standards for grades of veal and calf carcasses.
- SRA-AMS 116. Rules and regulations of the Secretary of Agriculture under the United States Standard Container Act of 1928.
- SRA-AMS 121. Regulations (other than rules of practice) of the War Food Administrator for the enforcement of the Perishable Agricultural Commodities Act, 1930, as amended.
- SRA-AMS 122. Regulations of the Secretary of Agriculture under the United States Warehouse Act as amended. Regulations for warehousemen storing seed.
- SRA-AMS 123. Official United States standards for grades of lamb carcasses, yearling, mutton, and mutton carcasses.
- SRA-AMS 126. Regulations for cotton warehouses. Revised.
- SRA-AMS 127. Regulations for warehousemen storing grain. Revised.
- SRA-AMS 129. Regulations for warehousemen storing tobacco. Revised.
- SRA-AMS 130. Regulations for warehousemen storing dry beans.
- SRA-AMS 134. Regulations for warehousemen storing cherries in sulphur dioxide brine.
- SRA-AMS 135. Official standards of the United States for grades of wool and wool top and rules and regulations for distribution of practical forms of wool and wool top standards under Wool Standards Act of May 17, 1928.
- SRA-AMS 136. Regulations supplementary to the commodity regulations under the United States Warehouse Act for field warehousemen.
- SRA-AMS 143. Grades, requirements, and regulations of the Secretary of Agriculture for carrying out the provisions of the Export Apple and Pear Act. Revised.
- SRA-AMS 147. Air-oven and water-oven methods specified in the official grain standards of the United States for determining the moisture content of grain.
- SRA-AMS 148. Regulations under the Grain Standards Act.
- SRA-AMS 149. Rules and regulations under the Tobacco Inspection Act.
- SRA-AMS 153. Regulations of the Secretary of Agriculture under the United States Cotton Standards Act.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Service and Regulatory Announcements—Continued

SRA-AMS 155. Rules and regulations of the Secretary of Agriculture governing the grading and certification of canned fruits and vegetables.

SRA-AMS 156. Rules and regulations under the Federal Seed Act.

SRA-AMS 157. Regulations for warehousemen storing sirups.

SRA-AMS 158. Regulations for warehousemen storing broomcorn.

SRA-AMS 159. Regulations for warehousemen storing coldpack fruit.

SRA-AMS 160. Regulations for warehousemen storing wool.

SRA-AMS 161. Regulations for warehousemen storing canned foods.

SRA-AMS 163. Developments in cotton standardization and related services.

SRA-AMS 164. Regulations under the Packers and Stockyards Act as amended.

SRA-AMS 165. Further developments in cotton standardization and related activities.

SRA-AMS 168. Official United States standards for grades of slaughter lambs, yearlings, and sheep.

SRA-AMS 169. Regulations governing the grading, inspection, sampling, grade labeling, and supervision of packaging of butter, cheese, and other manufactured or processed dairy products.

SRA-AMS 170. Regulations for the administration and enforcement of the Naval Stores Act.

SRA-AMS 171. Official United States standards for grades of pork carcasses (barrow and gilt).

SRA-AMS 172. Official United States standards for grades of slaughter swine (barrows and gilts).

Unnumbered:

Check list of Reports and Charts issued by the Agricultural Marketing Service.

Compilation of Agricultural Marketing Agreement Act of 1937.

Handbook of official grain standards.

Handbook of official hay and straw standards.

AGRICULTURAL RESEARCH SERVICE

Apply direct to Agricultural Research Service, U. S. Department of Agriculture, Washington 25, D. C., for the following material.

Quarantines

Quarantines applying to the continental United States:

- 38. Black stem rust.
- 45. Gypsy moth and brown-tail moth.
- 48. Japanese beetle.
- 52. Pink bollworm.
- 61. Thurberia weevil.
- 63. White pine blister rust.
- 64. Mexican fruit fly.
- 72. White-fringed beetle.

Quarantines applying to the Territories of Hawaii and Puerto Rico:

- 13. Hawaiian fruits and vegetables.
- 16. Sugarcane.
- 30. Sweetpotato.
- 32. Banana plants.
- 47. Hawaiian and Puerto Rican cotton, cottonseed, and cottonseed products.
- 58. Puerto Rican fruits and vegetables.
- 60. Sand, soil, or earth, with plants from Hawaii and Puerto Rico.
- 75. Hawaiian citrus nursery stock.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Foreign Plant Quarantines:

8. Pink bollworm.
12. Seeds of avocado or alligator pear.
15. Sugarcane.
19. Citrus nursery stock.
24. Indian corn or maize and related plants.
28. Citrus fruits.
29. Sweetpotato and yam.
31. Banana plants.
34. Bamboo.
37. Nursery stock, plants, and seeds.
41. European corn borer.
55. Rice.
56. Fruits and vegetables.
59. Flag smut.
69. Packing materials.
70. Dutch elm disease. (foreign.)
73. Coffee.
74. Cut flower quarantine.

Regulations

Inspection and certification regulations to meet foreign sanitary requirements.

List of intercepted plant pests, 1945-46.

List of intercepted plant pests, 1947-48.

List of intercepted plant pests, 1949.

The Mexican Border Regulations—Providing for inspecting, cleaning, and, when necessary, disinfecting railway cars, other vehicles, and other materials entering the United States from Mexico.

The Plant Quarantine Act, August 20, 1912, as amended March 4, 1913, March 4, 1917, May 31, 1920, April 13, 1926, May 1, 1928, and July 31, 1947.

Regulations governing the importation of potatoes into the United States.

Revised rules and regulations governing the movement of plants and plant products into and out of the District of Columbia.

Rules and regulations governing the importation of cotton and cotton wrappings into the United States.

Rules and regulations governing the importation of cottonseed cake, meal, and other cottonseed products into the United States.

Treatment of restricted or prohibited plants or plant products temporarily in the United States.

FARMER COOPERATIVE SERVICE

A limited number of copies of the following publications are available from the Farmer Cooperative Service, U. S. Department of Agriculture, Washington 25, D. C.

Bulletins:

21. Farmers' mutual windstorm-insurance companies. 1938.
28. Accounting procedure for cooperative grain elevators. 1938.
29. Terminal fruit auctions as marketing agencies for farmer cooperatives. 1938.
37. Cooperative egg and poultry auction associations. 1939.
39. Cooperative creamery accounting. 1939.
40. Cooperative grain marketing by local warehouses and elevators in the Pacific Northwest. 1940.
41. Expenses, incomes, and dividends of Oklahoma and Texas cooperative cotton gins. 1940.
50. Legal phases of cooperative associations. 1942.
54. Agricultural cooperation in the United States. 1947.
55. Cooperative marketing of apples in the United States. 1948.
56. Operating costs of selected cooperative feed mills and distributors. 1950.

*Do not send remittances to the U. S. Department of Agriculture. See p. VII.

Bulletins—Continued

- 57. Coordinating transportation improves marketing and purchasing for Minnesota cooperatives. 1950.
- 58. Where and how much cash grain storage for Oklahoma farmers. 1950.
- 59. Cooperative marketing of eggs and poultry in Ohio. 1950.
- 60. Rural health cooperatives. 1950.
- 61. Where and how much cash grain storage for North Dakota farmers. 1951.
- 62. Cooperative marketing of potatoes in the United States. 1951.
- 64. Cooperative shipping point auctions for fruits and vegetables. 1951.
- 65. Decentralized marketing by Producers Livestock Cooperative Association, Columbus, Ohio. 1951.
- 66. Factors affecting margins and costs in marketing Kansas grain. 1951.
- 67. Costs and margins of cooperative cotton gins, 1947-48 and 1948-49. 1951.
- 68. Where and how much cash grain storage for Indiana farmers. 1952.
- 69. Farm to plant milk hauling practices of dairy cooperatives. 1952.
- 71. Operating costs of selected frozen food locker cooperatives. 1953.
- FCS B 2. The Mississippi Federated Cooperatives system: Its purchasing and marketing services. 1954.
- FCS B 3. Costs of pelleting feeds at selected cooperative feed mills. 1954.
- FCS B 4. Operating costs of 15 cooperative poultry dressing plants. 1954.
- FCS B 5. Developing butterfat sampling and testing programs. 1954.

Circulars:

- 17. The farmers' cooperative yardstick. 1937.
- 33. Research and service for co-ops. 1948.
- FCS C 1. Cooperative business training for farm youth. 1954.
- FCS C 2. Feed bags—kinds, costs and problems. 1954.
- FCS C 3. Delivering feed in bulk. 1954.
- FCS C 4. Fall premium milk pricing plans. 1954.
- FCS C 5. Producing and merchandising sausage in small plants. 1954.
- FCS C 6. Changing grain storage costs. 1954.
- FCS C 7. Western States Bean Cooperative—a joint sales agency. 1954.
- FCS C 8. Progress in farm-to-plant bulk milk handling. 1954.

Circulars "A":

- A 19. The co-op and its second generation members. 1940.
- A 25. Cooperatives and the family farm. 1946.

Circulars "C":

- C 102. Organization and operation of cooperative irrigation companies. 1951.
- C 108. Organizing a farmers' cooperative. 1938; slightly revised 1949.
- C 109. Organizing a cooperative cotton gin. 1939.
- C 114. Crushing cottonseed cooperatively. 1951.
- C 115. Organization structure of farmers' elevators. 1939.
- *C 119. Operating methods of Challenge Cream and Butter Association. 1940. **15¢. For sale only.**
- C 123. Personnel management in farmers' cooperatives. 1941.
- C 124. Distribution of milk by farmers' cooperative associations. 1941.
- C 125. Distribution of machinery by farmers' cooperative associations. 1941.
- C 126. Cooperative manufacture and distribution of fertilizer by small regional dry mix plants. 1941.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

Circulars "C"—Continued

- C 127. Cooperative frozen food locker plants. 1946.
- C 129. Cooperative marketing of rice and its part in the war emergency. 1943.
- C 130. Cottonseed improvement associations. 1947.
- C 131. The Cotton Producers Association. 1948.
- C 132. Marketing policies of the California Prune and Apricot Growers Association. 1948.
- C 134. Your peaches in the market. 1950.
- C 135. The California Fruit Growers Exchange system. 1950.
- C 136. Butter pricing by Iowa Creameries. 1950.
- C 137. Members' knowledge and attitudes—Calavo Growers of California. 1950.
- C 138. Citrus packing house cost in California. 1951.
- C 139. Petroleum operations of farmer cooperatives. 1951.
- C 140. Patrons appraise cooperative relations. 1951.
- C 141. Working together to market Florida citrus fruit. 1951.
- C 142. Food brokers appraise cooperative marketing practices. 1951.
- C 144. Grower attitudes toward marketing tobacco cooperatively. 1952.
- C 145. Cooperative fertilizer plants. 1952.
- C 146. California Walnut Growers Association. 1952.
- C 148. Operations of major regional purchasing co-ops, 1941–1952. 1952.
- C 149. Standards for tank truck servicemen. 1953.
- C 152. Measuring the marketability of meat type hogs. 1953.

Circulars "E":

- E 5. You and your co-op. 1940.
- E 6. Using your co-op creamery. 1939.
- E 7. Using your livestock co-op. 1939; revised 1952.
- E 8. Using your co-op elevator. 1939; revised 1952.
- E 9. Using your co-op gin. 1939.
- E 11. Using your purchasing association. 1939; revised 1951.
- E 12. Using your fruit and vegetable co-op. 1939.
- E 13. Using your poultry and egg co-op. 1939; revised 1951.
- E 14. Using your fluid milk co-op. 1939; slightly revised 1949.
- E 15. Insuring through your farmers' mutual. 1939; revised 1949.
- E 18. Sizing up your cooperative. 1939; revised 1952.
- E 19. Forming farmers' cooperatives. 1939.
- E 20. Financing farmers' cooperatives. 1939.
- E 21. Managing farmers' cooperatives. 1939; revised 1951.
- E 22. Merchandising by farmers' cooperatives. 1939; revised 1951.
- E 24. Three principles of agricultural cooperation. 1939.
- E 25. Using a local cooperative as source material for teaching. 1939; slightly revised 1950.
- E 32. Farmer cooperatives in our community. 1948; revised 1950.
- E 33. Future farmers and co-ops. 1950.
- E 34. Guide for teaching farmer cooperation. 1950.
- E 35. Team demonstrations in farmer cooperation. 1951.
- E 36. 4-H clubs and cooperation. 1951.
- E 40. Better living. 1953.

Educational Circulars:

1. The story of farmers cooperatives. 1954.
2. Using your wool co-op. 1954.

Miscellaneous Circulars:

- EM 23. Why co-ops? War Department G. I. round-table series. 1949.

Unnumbered:

- Publications of Farmer Cooperative Service. 1954.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

FARMERS HOME ADMINISTRATION

Apply direct to the Farmers Home Administration, U. S. Department of Agriculture, Washington 25, D. C., for the following material.

Program Aids:

- 34. Insured farm mortgages. 1947; revised 1950.
- 43. Loans for water in the West. 1948.
- 62. Farm ownership loans. 1950; revised 1952.
- 182. Operating loans for better farming, better living. 1954.

Unnumbered:

- Fact sheet on special livestock loans. 1953.

FOREIGN AGRICULTURAL SERVICE

(See also pages 34-37)

Apply direct to the Foreign Agricultural Service, U. S. Department of Agriculture, Washington 25, D. C., for the following material.

- Published information on agriculture in foreign countries. (An index.)
- Index to Maps and Charts.

FOREST SERVICE

Apply directly to Forest Service, U. S. Department of Agriculture, Washington 25, D. C., for the following material.

- Forest Service films available on loan for educational purposes to schools, civic groups, churches, television. 1954.
- Forestry schools in the United States. 1951.
- (List of) Materials to help teach forest conservation. (K-28.)
- Conservation pledge (Smoky the Bear Song Sheet.)
- Field offices of the United States Forest Service. (0-8.) 1952.
- A job with the U. S. Forest Service. 1953.

LIBRARY

Microfilms and Photoprints

Microfilm and photoprint copies of any Department publication may be bought from the U. S. Department of Agriculture Library, Washington 25, D. C. All charges, except for Federal agencies, are payable in advance. Payments should be made by check or money order made payable to the "Treasurer of the United States." Currency is sent at the sender's risk.

Microfilms:

\$1.00 for each 50 pages or fraction thereof from a single article or book.

Photoprints:

\$1.00 for each seven pages or fraction thereof from a single article or book.

OFFICE OF INFORMATION

A price list of photographs of drawings of crops, forage-plant and incidental seeds and seedlings may be obtained from the Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

RURAL ELECTRIFICATION ADMINISTRATION

Apply directly to the Rural Electrification Administration, U. S. Department of Agriculture, Washington 25, D. C., for the following material.

Program Aid:

- 88. A telephone for your farm. Answers to questions about the Rural Telephone Loan Program. 1954.

***Do not send remittances to the U. S. Department of Agriculture. See p. VII.**

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